

Smart City Deployment and Data Centre Operation Consultants required on part time engagement mode.

POSITION	Description-Responsibilities, Minimum qualification & Experience
Smart City System Architect Consultant	<p>Key Responsibilities</p> <ul style="list-style-type: none"> • Overall architecture design, solution design, topic planning, and report writing of a Smart City project • Provide smart city solution support for the client, campus, and enterprise customers, including customer communication, requirement survey, analysis, planning and design. • Architecture design and system integration for subsystems of smart cities from the perspectives of system architecture (SA) and system engineering (SE) • Collect data about the development of the international smart city industry, analyze policies. • Review and analyze current technology infrastructure and its ability to support strategic objectives. • Identify and propose specific strategies, initiatives, and remedies necessary to align smart city technology and infrastructure with corporate objectives. • Define and implement testing strategies, templates and procedures for smart city services and facilities. • Define and implement acceptance strategies, templates and procedures for smart city services and facilities. • Define and implement IoT smart city platform for the client <p>Experience and qualifications The Smart City System Architect Consultant should have at least a University Degree in ICT or equivalent and be a member of and licensed by relevant authority/body; have a minimum of at least 10 years practical post-qualification experience in smart city projects, with at least 5 years associated with smart city solution design. Have 1-2 aspects of network, IT, smart transportation, smart government, smart campus, smart water, smart energy, building management systems, big data, and cloud computing. He must have completed at least 2 smart city or similar urban projects.</p>
Smart City Operations (Intelligent transport	

Key responsibilities

<p>system consultant)</p>	<ul style="list-style-type: none"> • Responsible for cooperating with other roles such as marketing to promote the implementation, operation, and Management of smart city projects. • Responsible for developing revenue generating strategies for client's smart city services/facilities, and draft relevant policies and standards for implementation. • Responsible for developing Smart City Guiding Principles, Policies and Strategies. • Develop specific strategies and methods for smart city operation & management. • Define and implement smart city user journeys <p>Experience and qualifications The Smart City Operations (Intelligent Transport System) Consultant should have at least a University Degree in ICT or equivalent and be a member of and licensed by relevant authority/body; have a minimum of at least 10 years practical post-qualification experience in smart city projects, with at least 5 years associated with smart city solution design. Have 1-2 aspects of network, IT, intelligent transport system, smart transportation, smart government, smart campus, smart water, smart energy, building management systems, big data, and cloud computing. He must have completed at least 2 smart city or similar urban projects.</p>
<p>Smart City Operations (BMS, Water, Electricity, solid waste, environment etc) Consultant</p>	<p>Key responsibilities</p> <ul style="list-style-type: none"> • Responsible for cooperating with other roles such as marketing to promote the implementation, operation and Management of smart city projects. • Responsible for developing revenue generating strategies for the client's smart city services/facilities, and draft relevant policies and standards for implementation. • Responsible for developing Smart City Guiding Principles, Policies and Strategies. • Develop specific strategies and methods for smart city operation & management. • Define and implement smart city user journeys • Responsible for developing, regulations, and management methods for smart city operation.

	<ul style="list-style-type: none"> • Responsible for promoting smart city daily Operation & Management. Translate the client's business issues/opportunities into technical solution/business requirements. • Define and implement smart city user journeys <p>Experience and qualifications</p> <p>The Smart City Operations (BMS, Water, Electricity, solid waste, environment etc) Consultant should have at least a University Degree in ICT or equivalent and be a member of and licensed by relevant authority/body; have a minimum of at least 10 years practical post-qualification experience in smart city projects, with at least 5 years associated with smart city solution design. Have 1-2 aspects of network, IT, intelligent transport system, smart transportation, smart government, smart campus, smart water, smart energy, sustainable development, building management systems, big data, and cloud computing. He must have completed at least 2 smart city or similar urban projects</p>
<p>Big Data, AI, Open Data, IoT Consultant</p>	<p>Key responsibilities</p> <ul style="list-style-type: none"> • Collaborate with start-ups, corporates, universities, and government agencies to develop projects and platforms and create new IoT data marketplaces and innovation testbeds • Develop comprehensive materials for internal training, marketing and sales in relation to the M2M/IoT solution topic, based on in-depth understanding of industry trends and roadmap evolution of the end -to-end solution. • Identify potential use cases of M2M. Develop the corresponding business case models and take the lead in communication with customer. • Adopt emerging technological trends (such as predictive analytics, business analytics, or machine learning) and come up with unconventional solutions • Identify business requirements, conduct blueprint workshops, develop functional and technical design documents, prototype and test solutions, train users, and define support procedures

	<ul style="list-style-type: none"> • Create "thought ware" and "point-of-view" documents related to the Internet of Things • Deliver large-scale programs that integrate processes with technology to help the client achieve high performance. • Design, implement and deploy custom applications on Hadoop. Implementation of complete Big Data solutions, including data acquisition, storage, transformation, and analysis. • Design, implement and deploy ETL to load data into Hadoop <p>Experience and qualifications</p> <p>The Big Data, AI, Open Data, IoT Consultant should have at least a University Degree in ICT or equivalent and be a member of and licensed by relevant authority/body; have a minimum of at least 10 years practical post-qualification experience in smart city projects, with at least 5 years associated with smart city solution design. A solid understanding if IoT and network infrastructure, combined with a thorough business acumen in areas such as telecoms, internet services, business models and operator strategies. He must have completed at least 2 smart city or similar urban projects.</p>
<p>Data Center Operations Consultant</p>	<p>Key responsibilities</p> <ul style="list-style-type: none"> • Data center operation management: Be responsible for the stable, secure, and efficient running of the IT data center infrastructure (Facility). Provides onsite management and services for hardware devices, such as cabinets, cabling, networks, and systems deployed in data centers. Specific responsibilities include but are not limited to: • Be responsible for the planned maintenance of data center infrastructure, routine troubleshooting, root cause analysis of major issues, and closed-loop management, performance capacity, emergency, and disaster recovery. Ensure the availability of data center infrastructure and efficient utilization of data center space and energy resources.

	<ul style="list-style-type: none"> • Be responsible for data center security management (including but not limited to fire safety and physical security). • Supplier management: Supervise the onsite O&M of the data center infrastructure, review and track the reconstruction optimization work, organize regular communication and communication with the facility maintenance supplier, facility O&M supplier, and property management supplier, and be responsible for the service quality of the supplier • Be responsible for the on-site service and support of the data center and provide cabinets and cabling services for the devices deployed in the data center. • Collaboration and communication management: Be responsible for the collaboration and communication between the data center support business and peripheral departments (supplier, government, campus, and business), and effectively support business objectives. • Project operation management: Cooperate with project operations such as on-site exploration, capacity adaptation, on-site implementation, acceptance test management, and project solution rationality review • Be responsible for planning and implementing measures to continuously improve service quality and reduce the data center TCO. Regularly release data center operation and service reports • Be responsible for the on-site service and support of the data center and provide cabinets and cabling services for the devices deployed in the data center. • Be responsible for data center security management (including but not limited to fire safety and physical security). <p>Experience and qualifications The Data Center Operations Consultant should have at least a University Degree in ICT or equivalent and be a member of and licensed by relevant authority/body; Certified ITIL Process Consultant in good standing; have a minimum of at least 10 years practical post-qualification experience in data center projects, with at least 5 years associated with data center solution design. A solid understanding of mainstream IT management frameworks and tools, and be capable of service design, process design, and process optimization. He must have completed at least 2 data center projects</p>
	<p>Key responsibilities</p>

Information Security

Consultant

- Provide guidance on building and/or maturing information security programs, detecting and responding to computer security incidents, and implementation of tools and technologies used for enterprise security Evaluate client needs, coordinate design for a solution, and clearly communicate the value proposition of complex and highly technical subjects
- Implement and/or assess existing security controls
- Provide expert level knowledge of tools and technologies used for enterprise security
- Interface with clients to address concerns, issues or escalations; track and drive to closure any issues that impact the service and its value to clients Provide expert in-depth knowledge in collecting, analyzing, and escalating security events; responding to computer security incidents, and/or collecting, analyzing, and disseminating cyber threat intelligence Quickly master, simplify, and communicate the value proposition of complex subjects to clients
- Use formal project management skills in planning, tracking, and reporting on project progress
- Codify customer needs across accounts and use them to drive FireEye Mandiant Strategic Solutions methodology
- Lead overall server, cloud and data center operations with multiple stakeholders
- Articulate deliver issues/problem statement and design a resolution plan Experience investigating possible attack scenarios by interpreting the code review findings, attack paths, and providing analysis of results
- Work with delivery centers across multiple shared services teams

Experience and qualifications

The Information Security Consultant should have at least a University Degree in ICT or equivalent and be a member of and licensed by relevant authority/body; Industry certifications such as; CISSP/SSCP, GSEC, or GCIH a plus; have a minimum of at least 10 years practical post-qualification experience in information security/cyber security projects, with at least 5 years associated with system

	<p>security solution design. A solid understanding of security event analysis, incident response, computer forensics, malware analysis, or other areas of security operations. He must have completed at least 2 information security projects</p>
<p>Cloud, PaaS & SaaS Consultant</p>	<p>Key responsibilities</p> <ul style="list-style-type: none"> • Work with Agile Product/Experience teams to design and support the evolution of infrastructure architecture based on conceptual design and business requirements. • Collaborate with solution architecture and product development teams to design and implement the infrastructure required to support their vision and strategy. • Assist with the design and implementation of security and forensics capabilities to ensure governance across multiple cloud venues, private and public. • Collaborate with members of the Cloud Platform Engineering team to implement and support far-reaching strategic efforts, provide constructive feedback, and foster a collaborative environment. • Actively engage with internal DevOps platform team to develop frameworks and tools to drive extensive automation of infrastructure environments and software engineering practices. • Develop reference architectures, publish design patterns, and speak about these internally and publicly, drive technical designs to consensus and approval. • Contribute and respond to code and architecture reviews as needed. Write code and scripts to automate everything possible within the Cloud Platforms space. • Evaluate new and emerging technologies, services, tools, and multiple cloud vendors for innovative new capabilities guide business and technology decisions. • Enforce adherence to architectural standards/principles, global product-specific guidelines, usability design standards, governance, cost controls, etc. • Participate in experiments in collaboration with the

Tech Strategy team to pilot emerging cloud platform

	<p>features.</p> <ul style="list-style-type: none"> • Provide technical expertise and troubleshooting skills for large scale distributed computing systems and software. • Create engaging technical content including writing internal company blog posts, whitepapers, practical guides and platform demos • Act as a subject matter expert on cloud-native technologies to enable experience teams with training, enablement, and tools • Motivated and Self-Starting: able to think critically about problems, decipher user preferences versus hard requirements, and effectively use online and onsite resources to find an appropriate solution with little intervention. • Strong verbal and written communication skills, including visual presentation skills • Demonstrated experience in research data collection, analysis, and presentation <p>Experience and qualifications The Cloud, PaaS & SaaS Consultant should have at least a University Degree in ICT or equivalent and be a member of and licensed by relevant authority/body; in-depth understanding of In-depth understanding of Cloud technologies (PaaS-JCS, JCS-SX, ICS, SoACS, API Cloud, DBCS, PCS, MFT, BICS, MCS); have a minimum of at least 10 years practical post-qualification experience in cloud data center and commercialization of PaaS and SaaS with at least 5 years associated with PaaS/SaaS development, design and deployment. He must have completed at least 2 data center projects</p>
<p>Data Center Infrastructure Consultants (IT, Power, Cooling, IP)</p>	<p>Key responsibilities</p> <ul style="list-style-type: none"> • Data center power, cooling, network, structured cabling, server and storage infrastructure.

	<ul style="list-style-type: none"> • Critical systems, including power, fire, and safety. • Electrical and mechanical design, maintenance, and problem resolution; Managing complex mission critical IT projects. • Ability to collaborate with partners and suppliers across multiple disciplines. <p>Experience and qualifications</p> <p>The Data Center Infrastructure Consultants (IT, Power, Cooling, IP) should have at least a University Degree in Electrical/Mechanical Engineering or equivalent and be a member of and licensed by relevant authority/body; in-depth understanding of In-depth understanding of data center IT/IP, Power, Cooling and related infrastructure; have a minimum of at least 10 years practical post-qualification experience in cloud data center infrastructure with at least 5 years associated with IT/IP, Power, Cooling. He must have completed at least 2 data center projects</p>
ITIL Process Consultant	<p>Key responsibilities</p> <ul style="list-style-type: none"> • Provides expert knowledge of ITIL-based service delivery processes in the DHS environment • Assists with organizational transformation efforts as related to ITIL implementation across service lifecycles • Provides guidance and implements processes and artifacts for Service Strategy, Service Design, Continual Service Improvement processes among others • Analyzes existing Implementation Plans and identifies areas for improvement based on Deming Model (Plan, Do, Check, Act) • Ensure the appropriate business process assessment and analysis is completed to identify business process gaps and impacts as they pertain directly to projects and programs. • Orchestrate activities and provide structure and direction to others regarding standard techniques and

tools to gather the appropriate set of functional and non-functional requirements in an organized and repeatable way.

- Develop strategies and plans to assess impacts and potential risks of solution alternatives, and to identify solution component sharing and opportunities for re-use.
- Partner with multiple teams to drive and complete process related deliverables.
- Provide process leadership and influence direction to SME teams and other IT professionals supporting the delivery of process standardization and improvement for IT.
- Apply consistent methods for selection and evaluation of process initiatives.
- Coordinate with other process teams to identify cross-program dependencies and leverage resources appropriately.
- Lead process improvement/standardization efforts in an IT field as identified by IT and business leadership.
- Identify defects and eliminate waste, standardize and improve processes.
- Effectively manage process design and improvement projects.
- Enhance individual and team performance by creating a climate of consistent and continuous learning (promote new ideas, conduct knowledge sharing).

Experience and qualifications

The ITIL Process Consultant should have at least a University Degree in ICT or equivalent and be a member of and licensed by relevant authority/body; Certified ITIL Process Consultant in good standing; have a minimum of at least 10 years practical post-qualification experience ITIL implementation and/or ITIL process improvement hands-on experience with at least 5 years associated with ITIL. He must have completed at least 2 data center/ITIL certification projects

<p>DC Business, Sales & Marketing Consultant</p>	<p>Key responsibilities</p> <ul style="list-style-type: none"> • Define and implement short term and long-term market strategy and market target with the client’s business development • Define sales catalogue for the cloud data center Define and implement billing strategy • Define and implement sales, marketing, and customer onboarding strategies • Define and implement strategies, policies and frameworks for the client’s knowledge economy and innovation ecosystem <p>Experience and qualifications</p> <p>The DC Business, Sales & Marketing Consultant should have at least a University Degree in ICT/Business Development or equivalent and be a member of and licensed by relevant authority/body; Certified ITIL Process Consultant in good standing; have a minimum of at least 10 years in the data center industry, be familiar with the sales of IDC products and cloud computing products and have rich customer resources and customer relationships with at least 5 years associated with cloud data center products. She/he must have completed at least 2 data center/ITIL certification projects</p>
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If you possess any of the above qualifications and experience or you believe you are closer, send your resume plus relevant certificates to recruitment@viscarcapacity.com, stating clearly which position suits best. This should reach us by 1st September 2020.