



JOB DESCRIPTION

SOFTWARE ARCHITECT

MTC Consultancy is searching for an adaptable, team player, with a high level of information technology management and communication skills (writing, listening and oral), to join our office on a contract, as an independent consultant, working remotely, and part-time in **Architecture Technical Advisory role** focusing on developing, creating, and modifying general computer applications software or customizing software for client use and leading

About the Company

MTC Consultancy is principally focused on providing services in management consulting supplying business and digital solutions, advising, and supporting entrepreneurs from a range of sectors. MTC Consultancy is on a mission to assist service based small to medium size enterprises in different business stages, to tackle complex issues and deliver sustainable value. We are helping SMEs create, improve, use strategic business tools to focus on scale-up priorities and growth strategies.

Position

Architect Technical Advisor.

Brief Job description

The Architect role analyses user needs and development of software solutions, designs software or customizes software for client use with the aim of optimizing operational efficiency.

You will establish strong relationships with senior and mid-level customer stakeholders on behalf of the organization and will collaborate closely with colleagues and other internal stakeholders on opportunities that span many territories. The position of software architect role consists of specialized utility programs - developing, creating, and modifying general computer applications software and the network infrastructure optimisation (cloud computing)

Tasks

- Analyse user needs and software requirements to determine the feasibility of design within time and cost constraints.
- Document business requirements using formalism such as UML or other object-oriented modelling tools.
- Confer with systems analysts, engineers, programmers, and others to design system and to obtain information on project limitations and capabilities, security, scalability, performance requirements and interfaces.
- Elaborate Enterprise Software and Hardware Architecture orientation and monitor compliance to design principles and guidelines.
- Coordinate software system installation and monitor equipment functioning to ensure specifications are met.
- Develop and direct software system testing and validation procedures, programming, and documentation.
- Modify existing software to correct errors, allow it to adapt to new hardware, or to improve its performance.
- Obtain and evaluate information on factors such as reporting formats required, costs, and security needs to determine hardware configuration.
- Store, retrieve, and manipulate data for analysis of system capabilities and requirements.
- Write computer programs of higher complexity or with specific performance, connectivity or business logic requirements.
- Supervise the work of programmers, technologists and technicians and other engineering and scientific personnel.

Qualifications and requirements

- A bachelor's degree in a computer-related field or equivalent.
- Ability to identify complex problems and review related information to develop and evaluate options and implement solutions.
- Knowledge of various programming languages, and the ability to determine how a system should work and how changes in conditions, operations, and the environment will affect outcomes.

Competencies (in order of importance)

- Analytical Thinking – Job requires analyzing information and using logic to address work-related issues and problems.

- Attention to Detail – Job requires being careful about detail and thorough in completing tasks.
- Dependability – Job requires being reliable, responsible, and dependable in fulfilling obligations.
- Innovation – Job requires creativity and alternative thinking to develop new ideas for and answers to work-related problems.
- Cooperation – Job requires being pleasant with others on the job and displaying a good-natured, cooperative attitude.

Lines of communication

- This is a senior-level role position in our management consulting firm.
- This position, within the hierarchy of the organization, works closely with the Principal Consultant of Integrated Services and The Technical Advisor - Architecture.
- This position reports directly to the Managing Partner and the Information Technology Partner.

Please Note: This role requires in-person team meetings.

Remuneration/Job Rate

To be discussed at the interview.

Start Date:

Job starts between Apr2023-Jun2023 (TBC)