







## **Main Tasks and Responsibilities:**

- \* Study and analyze to understand the institutional requirements for automation and generate well documented literature in order to produce/procure software accordingly
- \* Lead the development team of the institution in communicating, collaborating with vendors, and senior management of the institution and other stakeholders of the institution.
- \* Design, develop, implement and maintain pieces of software and other services.
- \* Develop APIs and other required services for stakeholder uses.
- \* Maintenance of the main website and other online interfaces of the institution.
- \* Monitor and maintain all servers, and environments used to host applications.
- \* Write, maintain and revise all technical documents, procedures and other related documents.
- \* Perform any other duties assigned by the Head of IT or the senior management of the institution.
- \* Maintain version control of all pieces of software developed by/ for the institution.
- \* Create development environments, production environments required for software installation/implementation.
- \* Create pieces of software/services according to requirements as instructed by the Head of IT.
- \* Regular Optimization and Fine Tuning Of Databases.
- \* Maintain Physical And Virtual Infrastructure As Instructed Or In Collaboration with the IT Team.

## **Candidates with the Following (Either determined by reference letters or at the interview) Will have an added advantage:**

- \* Good Understanding Of Networking Technologies (Routing, Switching, Security)
- \* Good Understanding of Virtual Infrastructure, Containers and Orchestration
- \* The Ability To Work Well With Teams Round The Clock When Needed.
- \* Proactive Work Ethics with Minimal Supervision
- \* Good Observation, Problem Solving Skills.
- \* Enthusiasm with self-development characteristics.
- \* Good Decision Making Skills
- \* Full Stack Developing Capabilities.
- \* Mobile application development skills for both IOS and Android.
- \* System Administration In Linux Based Operating Systems.
- \* Good Understanding of Information Security Principles, Strategies, Methodologies and the Drive to Stay Up To Date on Latest Vulnerabilities.
- \* Understanding of Relational Database Management Systems (ORACLE, MYSQL, MSSQL)
- \* Familiarity with Source Control (GIT )
- \* Solid Understanding of APIs, MICROSERVICES and Integration Concepts and Technologies/Protocols Such as REST, WEB, JSON, MESSAGE QUEUES.
- \* Mobile Application Development Skills
- \* Experience in Cloud Infrastructure Such As AWS, GOOGLE, AZURE..
- \* Good Sense of UI/UX Design

\* Familiarity with the ITIL Lifecycle.

\* Familiarity with The Prison and Parole Act (2013/05) and other conventions related to the institution.

\* Experience in law enforcement areas of the government.