

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.