



EXTERNAL VACANCY ANNOUNCEMENT

SYSTEMS SOFTWARE DEVELOPER

The Eswatini Civil Aviation Authority (ESWACAA), a Category A Public Enterprise responsible for the regulation of Civil Aviation in the Kingdom of Eswatini and Management of King Mswati III International Airport. ESWACAA carries out its Mandate in conformity with International Civil Aviation Organisation (ICAO) Standards and Recommended Practices (SARPs).

The Authority plans to recruit qualified individuals with impeccable integrity and performance excellence oriented to fill the position of **Systems Software Developer**. The position reports to the **IT Manager** and is tenable in Matsapha (ESWACAA Head Office) with frequent visits to KMIII International Airport (Sikhuphe).

1. JOB PURPOSE:

Under the supervision of the IT Manager, the incumbent will be responsible for the development, research, designs, installations, testing, and maintaining of software systems according to ICT standards and the enterprise architecture.

The incumbent will:

- Identify and evaluate technologies for software solution implementation.
- Coordinate software system installations and monitor equipment functioning to ensure that specifications are met.
- Maintain the integrated IT software components systems once they are up and running.
- Develop integrated Technical Service Specifications for single or multiple software components to clearly set direction for procuring or building software components.
- Create technical documentation to support developed components through their lifecycles.
- Refactor and improve the code to keep the product relevant and adaptable to new requirements.
- Produce detailed specifications and writing the programme codes.
- Ensure product or service meets or exceeds desired performance criteria.

- Demonstrate creativity and innovation in applying solutions for the benefit of the Authority.
- Provide guidance in the development of operational and development standards for inhouse developed applications.

2. QUALIFICATIONS AND EXPERIENCE:

The ideal candidate must meet the following minimum requirements:

(i) Qualification

- BSc in ICT (Computer Science, Information Systems, Technology and Engineering) or equivalent.

Added Advantage

- Microsoft certified Azure Developer Associate
- Oracle Java SE
- (ISC) 2 Certified Secure Software Lifecycle Professional

(ii) Work Experience

- Minimum 3 years' experience with full software development lifecycle (SLDC), within Systems development, implementation, and maintenance / enhancements of solutions in Aviation.
- Working Experience with Development languages (C++, PHP, Java, Python etc.), Frameworks (Laravel, Vue.Js and React Native), IDE (Visual Studio Code, NetBeans, and Eclipse).

(iii) Other requirements

- Full Aviation Security Clearance.

3. SKILLS, KNOWLEDGE, AND PERSONAL ATTRIBUTES:

The ideal candidate must demonstrate the following competencies, knowledge, and personal attributes:

- Good communication skills
- Knowledge on Governance e.g., Cobit and ITIL; knowledge of the software development process and its technologies
- Emphasis on attention to detail and accuracy
- Project management concepts.
- Systems configuration

Applications with complete up-to-date Curriculum Vitae, certified copies of academic certificates/professional accreditation, should be emailed to recruitment@eswacaa.co.sz not later than **Sunday, 30 June 2024**. Please quote the position "Software Developer" in the email subject line.

NB: Only emailed applications will be admissible.

Only shortlisted candidates will be contacted.

All applications should be in PDF format not exceeding 11MB. Zipped or compressed files are not admissible.