

THE ENGINEERING INSTITUTION OF ZAMBIA



JOB OPPORTUNITY

The Engineering Institution of Zambia (EIZ), established under the Engineering Institution of Zambia Act No. 17 of 2010, is the professional body responsible for promoting and advancing the engineering profession in Zambia. As part of its digital transformation agenda, EIZ seeks to recruit a highly motivated and innovative person to join its Secretariat team.

EIZ now invites a suitable qualified individual to fill the following vacancy:

1. TITLE: Software Developer X1 - Lusaka

Overall purpose of the Job

The Software Developer will be responsible for designing, developing, implementing, and maintaining software applications and digital platforms that support the operations of EIZ. The successful candidate will play a key role in enhancing member services, automating business processes, improving data management systems, and supporting the Institution's digital innovation initiatives.

Key Responsibilities and Duties:

- Design, develop, test, deploy, and maintain web-based and mobile applications.
- Develop and manage membership management systems, online licensing platforms, and other institutional applications.
- Integrate software applications with third-party systems and payment gateways.
- Maintain databases and ensure data integrity, security, and availability.
- Troubleshoot and resolve software-related issues and system failures.
- Develop system documentation, user manuals, and technical specifications.
- Implement cybersecurity best practices and ensure compliance with data protection requirements.
- Conduct system upgrades, enhancements, and performance optimisation.
- Provide technical support and training to users.
- Stay abreast of emerging technologies, Artificial Intelligence (AI), and software development trends relevant to the Institution.

Key Requirements:

- Grade Twelve (12) Certificate with credits or better.
- Bachelor of Science in Computer Science, Software Engineering, Information Technology, Computer Engineering, or a related field.
- Minimum of four (4) years' proven experience in software development, with a strong focus on C#/.NET.
- Experience in developing enterprise-level web and mobile applications.
- Very strong knowledge of relational databases, particularly Microsoft SQL Server (MSSQL), including database design, complex queries, stored procedures, indexing, and performance tuning. Experience with other database systems such as MySQL or PostgreSQL is an added advantage.
- Membership of the Engineering Institution of Zambia (EIZ) or the Information and Communication Technology Association of Zambia (ICTAZ).

Required Technical Skills:

- Strong proficiency in C# and the .NET framework, with the ability to build robust, scalable, and maintainable applications. The candidate must also be able to code in Java and other back-end programming languages.

- Solid front-end development skills using modern frameworks such as React, Angular, or Vue.js.
- Strong back-end development experience, including building and integrating RESTful APIs. The ability to work across the front-end, back-end, and database layers of an application is an added advantage.
- Knowledge of cloud platforms and deployment technologies.
- Familiarity with DevOps practices, version control systems (Git), and CI/CD pipelines.
- Understanding of cybersecurity principles and secure coding practices.
- Experience with Artificial Intelligence and Machine Learning technologies will be an added advantage.

Key Skills and Competencies

- Excellent verbal and written communication skills
- Strong interpersonal and customer care skills
- Ability to handle complaints professionally and tactfully
- Attention to detail and accuracy in record keeping
- Computer literacy

APPLICATION PROCESS

Interested candidates meeting the above requirements should apply by sending as **one-file attachment** copies of their Academic and Professional qualifications, current detailed Curriculum Vitae and with at least two traceable referees.

All applications should be subjected as “Software Developer” and emailed to recruitments@eiz.org.zm addressed to:

The Human Resource & Administration Manager
 Engineering Institution of Zambia (EIZ)
 Stand No. 2374
 Kelvin Siwale Road, Showgrounds
 P.O. Box 51084
 Lusaka

Closing date is Friday 19th. June, 2026.

Only shortlisted candidates will be contacted.



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ADVANCING TECHNOLOGY FOR NATIONAL DEVELOPMENT