EDWIN OGOLA

Full-stack Developer

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Objective

Highly motivated and skilled Software Engineering graduate with extensive knowledge from university coursework and various boot camps. I am seeking an entry-level software engineering position to leverage my expertise in software development, web technologies, and data science.

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Education

B.Sc. in Software Engineering

University of Nairobi

> Major: Software Engineering
> Minor: Communication and Arts

• Upper Second Class Honours.

Relevant Coursework: Data Structures and Algorithms, Operating Systems, Database Systems, Software Development Lifecycle, Computer Networks.

Boot Camps

• Full-Stack Web Development, Moringa School, November 2022

• Data Science, Udemy, February 2023

• Cybersecurity Fundamentals Bootcamp, Udemy, Present

• Machine Learning Bootcamp, Udemy

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Skills

- **Languages:** Java, Python, JavaScript, C++
- **Web Dev:** HTML, CSS, React, Node.js, Express, MongoDB
- **Database:** SQL, MySQL, PostgreSQL
- **ML:** TensorFlow, Keras, scikit-learn
- **Tools:** Git, Docker, AWS, Jenkins
- **Methodologies:** Agile, Scrum, TDD

Soft Skills

Strong problem-solving and analytical skills

Effective communication and teamwork abilities

Quick adaptability to new technologies

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Projects

Personal Portfolio Website

- Developed a responsive personal portfolio website using HTML, CSS, and JavaScript.
- Integrated dynamic content loading using React.
- Implemented a backend server with Node.js and Express to handle contact form submissions.

E-commerce Platform

- Created a full-stack e-commerce platform using MERN stack (MongoDB, Express, React, Node.js).
- Implemented user authentication, product management, and shopping cart functionality.

- Deployed the application on AWS.

Chatbot for Customer Support

- Developed a customer support chatbot using Python and TensorFlow.
- Trained the chatbot using various machine learning algorithms to handle common customer inquiries.
- Deployed the chatbot on a company's website to assist with customer support.

Online Bookstore Web Application

- Developed a full-stack web application using React and Node.js.
- Implemented user authentication, product listings, and shopping cart features.
- Used MongoDB for database management and deployed the application on AWS.

Machine Learning Model for Predictive Analytics

- Built and trained machine learning models to predict customer churn using Python.
- Analyzed datasets with Pandas and visualized results with Matplotlib.
- Achieved a high accuracy rate and presented findings to peers and instructors.

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Work Experience

Real Biz Digital | Software Developer Intern
February 2024 – Present

- Developed responsive web applications using HTML, CSS, and JavaScript under the guidance of senior developers.

- Assisted in integrating React.js for dynamic user interfaces.

- Participated in code reviews and collaborated with team members to improve the codebase.

- Wrote test cases, performed manual testing, and contributed to bug fixing and debugging tasks.

- Applied troubleshooting skills to identify and fix bugs in existing software.

Freelance Developer

Self-Employed, Remotely

January 2023 - Present

- Built and maintained web applications for small businesses.
- Implemented SEO best practices for client websites.

Coding Tutor
University of Nairobi, 2023-Present

- Provided one-on-one tutoring sessions to undergraduate students in introductory programming courses.
- Assisted students with debugging and problem-solving techniques.

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Extracurricular Activities

Tech Club Member
University of Nairobi, 2021-Present

- Participated in coding competitions and hackathons.

- Organized workshops on web development and data science topics.

Volunteer
Nairobi Community Tech Outreach

- Taught basic computer skills to underprivileged children.

- Assisted in organizing educational events and activities.

Additional Information

Hackathons/Events: Active participation in tech events and hackathons, showcasing problem-solving skills and innovative thinking.

Awards/Recognition: Recognized for contributions to sustainable solutions and coding excellence.

Portfolio: Available upon request, showcasing projects including responsive web designs, dynamic user interfaces, and applications developed using React.js and Node.js.

GitHub: GitHub Profile - Includes examples of code contributions, projects, and collaborative work.

LinkedIn: LinkedIn Profile - Professional network and recommendations from peers and mentors.

Certifications: Relevant online course certifications (e.g., Coursera, Udemy) in front-end development, React.js, and other web technologies.

Certifications

Certified in Python for Data Science by Coursera

AWS Certified Cloud Practitioner

References

Available upon request.

Additional Information

Strong communication skills developed through minor in Communication and Arts.

Proven ability to work effectively in a team environment.

I am enthusiastic about learning new technologies and improving technical skills.