

Kipleting Edwin

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PROFILE

Results-driven software engineer with expertise in JavaScript, React.js, Ruby on Rails, and Java. Experienced in full-stack development, IT support, and building scalable web applications. Passionate about creating efficient, user-friendly software solutions, with a strong focus on clean code and problem-solving. Currently developing a blog platform using React.js and Rails, with experience handling user roles, nested comments, and category filtering. Seeking opportunities to contribute technical skills to innovative projects and dynamic teams.

EDUCATION & QUALIFICATIONS

University of Hertfordshire - Master's degree Software Engineering 2026

Focus on system design, Agile methodologies, cloud computing, and software architecture.

Hands-on projects using Java, JavaScript, React, Spring Boot, and SQL.

Developed expertise in CI/CD pipelines, network security, and vulnerability assessments

Machakos University - Bachelor's degree Statistics and Computer Programming 2017

Multidisciplinary program combining statistical analysis and programming.

Core modules: Object-Oriented Programming, Data Structures, SQL, Web Development, Network Security.

Gained analytical thinking, problem-solving, and database management skills.

WORK EXPERIENCE

Software Engineer Intern | Jomo Kenyatta University of Agriculture and Technology (JKUAT) Jan 2024 to Sep 2024

A leading Kenyan public university excelling in innovation, technology, and agriculture.

- Assisted in software development and debugging using React.js, JavaScript, Java, and Ruby on Rails.
- Developed and maintained front-end components with React.js, ensuring a seamless user experience.
- Built and optimized backend services using Ruby on Rails and Java, improving system efficiency.
- Worked with the Directorate of Academic Quality Assurance (DAQA) to enhance and support academic software solutions.

Software Engineer Intern | Keja Yangu Jan 2023 to Dec 2023

A small tech start up

- Assisted in the development of web and mobile applications to enhance user experience.
- Worked with React.js, JavaScript, Java, and Ruby on Rails to build and maintain software solutions.
- Collaborated with senior developers to implement backend APIs and database management.
- Developed and tested new features, improving system performance and functionality.

Information Technology Support Specialist | Rivatex East Africa Limited. Jan 2018 to Apr 2022

- Provided technical support and troubleshooting for hardware, software, and network issues.
- Managed system installations, configurations, and maintenance.
- Assisted in developing IT solutions to enhance company efficiency and productivity.
- Trained employees on IT best practices and security protocols.

ADDITIONAL INFORMATION

Training

Developed expertise in navigating existing codebases and writing clean, functional code. [2024],

Gained hands-on experience in building and deploying software applications. [2023]

Completed intensive bootcamp in Software Engineering covering full-stack development and industry-relevant technologies. [2022]

Languages

English

Technical skills

- Programming Languages: Java, JavaScript, Ruby
- Frameworks & Technologies: React, Spring Boot, Rails,
- Tools & Platforms: Git, Postman, Linux/Unix, Windows
- Development Methodologies: Agile, Scrum, Test-Driven Development (TDD)

INTERESTS

Participating in tech meetups, hackathons, and developer communities.

Exploring advancements in AI, machine learning, and automation.

Passionate about developing innovative solutions to real-world challenges in software engineering.