Simon Wachira

SOFTWARE ENGINEER

[Portfolio](#) | [LinkedIn](#) | wachirasimon.ws@gmail.com | [GitHub](#)

Professional Summary

Detail-oriented Software Engineer experienced in designing, developing, and maintaining scalable backend systems using Node.js, TypeScript, PostgreSQL, and RESTful APIs. Skilled in cloud platforms (AWS & Azure), CI/CD pipelines, and agile principles. Proven ability to optimize database performance, collaborate across cross-functional teams, and deliver high-quality software solutions that meet business goals. Passionate about building highly available, secure, and performant systems at scale.

Experience

Bata Group | Software Engineer   **PRESENT – AUG 2022**

- Develop and maintain backend services using Node.js, TypeScript, resolving an average of 8 Jira tickets per month from UI to complex api issues.
- Led cross-functional teams to design and implement scalable features aligned with organizational goals and customer needs.

Family Bank | Graduate Trainee Eng   **JUL 2022 – DEC 2021**

- Utilized CI/CD practices and Git workflows to automate testing and streamline feature rollouts.

IEBC | ICT Head   **NOV 2021 – AUG 2021**

- Maintained a 99.9% database integrity rate by managing SQL-based data systems and ensuring system stability during peak voter registration periods.
- Collaborated with field officers and technical teams to boost voter registration rates by 7%.

Kenyatta University | Junior Developer   **MAY 2021 – JAN 2021**

- Built and published two new features (automated routing and ticket categorization) using TypeScript and PHP, increasing feature completion rate by 13%.

Education

WorldQuant University, MSc, Financial Engineering   **Ongoing**
Major: Artificial Intelligence in Finance

Multimedia University, BSc Computer Technology   **2021**
Major: Software Engineering | Minor: Data Science

Skills & abilities

- Laravel 8+
- AWS, Azure,
- React, GraphQL
- TypeScript, Jest
- PostgreSQL, Docker
- SQL, MongoDB
- Python, Nodejs
- C#, Kubernetes
- Git, Jira
- Apache Storm
- Apollo