

Shalon Njeri Ngigi

Software Engineer

Contact Information:

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Professional Summary:

Software Engineer with 6 years of experience in full-stack development, specialising in building scalable, efficient web applications using JavaScript, Python, and cloud technologies. Proven track record in leading teams, enhancing system performance, and driving innovation.

Professional Experience:

Software Engineer, Microsoft (Sept 2021 - Present)

- Built, maintained and tested client-side features using React, React Native and TypeScript, contributing to Microsoft's ecosystem.
- Implemented advanced logging and monitoring to optimise system performance to ensure consistent quality of service.

Software Engineer, ProdPerfect (Oct 2019 - Oct 2021)

- Built and deployed a user interaction dashboard using JavaScript and Python, significantly decreasing test development lead times for QA Engineers.
- Led a team of engineers to develop test solutions, increasing the customer base by 20%.
- Designed and implemented automation scripts for test configurations, enhancing developer productivity and overall team efficiency.

Software Engineer, Andela (Oct 2018 - Oct 2019)

- Designed and built a technical assessment application for recruitment screening, cutting recruitment costs by over 90%.
- Trained and mentored multiple teams of junior engineers in full-stack application development, impactfully accelerating their development skills.

Skills:

- **Programming Languages (Frontend):** JavaScript (TypeScript, Next.js, React, React Native)
- **Backend and scripting:** JavaScript (TypeScript, Node.js, Nestjs), Python
- **Databases:** PostgreSQL, MongoDB
- **Testing Tools:** Jest, TestCafe, Cypress, Playwright
- **DevOps Tools:** Kubernetes, Docker, Git, CI/CD
- **Cloud Services:** GCP (Tracing, Monitors, Logs)

Education:

- **Master of Science: Information Technology (Sept 2020 - May 2024)**
Carnegie Mellon University
- **Bachelor of Science: Computer Science (Sept 2014 - Nov 2018)**
Jomo Kenyatta University of Agriculture and Technology, Kenya