

LEAH GITAU

SOFTWARE DEVELOPER

+254796886037

leahgitau007@gmail.com

P.O. Box 00618-00100, Nairobi

PROFILE

I am a versatile and ambitious software developer with a strong foundation in full-stack development, microservices architecture, and API development. My expertise spans from front-end technologies to back-end systems with a focus on creating scalable, secure, and efficient solutions. I am dedicated to continuous learning and applying industry best practices to drive innovation and deliver high quality software products.

PROFESSIONAL EXPERIENCE

Craft Silicon Limited

September 2025– Present

Software Developer

- Designed, developed and maintained USSD applications for banking and financial services.
- Developed and maintained backend logic for transaction processing and workflow automation.
- Integrated USSD menus with core banking systems, middleware services, and third-party APIs.
- Built and consumed REST APIs to support banking operations, mobile money transactions, and telecom integrations.
- Troubleshooted and resolved issues across USSD flows, core banking integrations, backend services, and mobile communication channels.
- Analyzed production logs, monitored transactions, and resolved system level defects to ensure service uptime and reliability.
- Utilized CI/CD pipelines to automate deployments and ensure efficient delivery.

Tilil Technologies

May – August 2025

Software Developer Intern

- Developed and maintained Bulk SMS, USSD and short code systems.
- Developed a monitoring system to track downtime and trigger email alerts to clients.
- Developed a full system solution, covering backend, integrations, and frontend user experience.
- Participated in the design, development, testing, and implementation of new products, services, and functionalities.
- Developed automated tests for functional, performance, and security testing using test-driven development methodology.
- Learned how to manage server environments including installation and monitoring.

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EXPERIENCE

Kenya Tea Development Agency (KTDA)

May – August 2024

Intern

- Assisted in web development tasks, debugging and software fixes.
- Provided technical support to staff, minimizing downtime and improving productivity.
- Gained practical experience in networking, troubleshooting, and IT operations.
- Utilized version control tools for collaboration and code management with Git and GitLab/GitHub.

SKILLS

- Backend:** NodeJS, Python, Express.js, Laravel, Restful APIs
- Frontend:** HTML, CSS, React.js, Tailwind, Typescript
- Databases:** MySQL, MongoDB, PostgreSQL, Microsoft SQL Server, Redis
- Cloud Technologies:** AWS (EC2, Lambda, RDS), Azure, Google Cloud Platform
- DevOps & CI/CD:** GitLab CI, Docker, Kubernetes, PM2
- Version Control:** Git, GitHub, GitLab, Bitbucket
- Monitoring & Logging:** Prometheus, Grafana

EDUCATION

Bachelor of Science in Computer Science:

Chuka University

2nd Class Honors, Upper

September 2021 – April 2025

Kenya Certificate of Secondary Education:

Njonjo Girls High School

Mean Grade: B+

January 2017 – April 2021

REFERENCES

WINFRED KABUURI

Network Administrator, KTDA

0722437762

wkabuuri@ktdateas.com

LUCY MUTAHI

Director, New Highlight School

0722425395