

IAN BALIJAWA

Software Engineer

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Summary

Senior software engineer with over **5 years** of development experience working with major **consultancy, financial and telecommunication services**. Developed **enterprise level** software for medium to large companies including **AltAfrica.com**, **MTN Uganda** among others. Developed **scalable web and mobile applications** with tools and languages like **NodeJS**, **Java with Springboot**, **JavaScript/Typescript-React**, **NextJS**. Familiarity with relational databases like **MySQL and Postgres** and **No-SQL's like MongoDB**.

Built the **MTN-EFRIS System** together with the **MTN Large Cash Transaction CSV to XML** web application with the languages and tools mentioned above. I am well-versed in testing frameworks and tools such as **Jest**, **vite-test**, and **Cypress**, which enable deliver high-quality, bug-free code

PROFESSIONAL EXPERIENCE

GDExperts

Kampala, Uganda

Software Engineer

Present

- Worked on **Multiple MTN Software** as MTN UG is GDExperts biggest client.
- **Developed** and maintained the **MTN Large Cash Transaction CSV-XML** web application which improved processing speeds.
- **Developed** and maintained the **MTN EFRIS SYSTEM** which **minimized delays and costs involved in filing MTN tax returns**.
- **Built and maintained** the **Hamilton Telecom** Sim card registration system which helped onboard customers to the network.

TINYLABZ

Kampala, Uganda

Lead Software Engineer

04/2021 - 04/2023

- **Led** a team of 5 software engineers in the **successful** delivery of a new product feature that **increased revenue by 15%**
- **Mentored** and **coached** team members to improve their technical skills, resulting in **a 25% increase** in code quality and **a 40% reduction in code review time**.
- Worked closely with **cross-functional** teams, including product management and **UX design**, to ensure the development of **high-quality** products that meet customer needs and expectations.
- **Scripted unique test plans**, test scripts and processes to remove previously known redundancy **by 40%** and ensured **predictable outcomes**
- **Conducted** regular **performance reviews** and provided feedback to team members, **resulting in increased employee engagement** and job satisfaction.

Acelerated Techosoft

Kampala, Uganda

Senior Backend Developer

10/2019 - 03/2021

- **Provided architecture** and integration rules for deploying web sites and **load balancing**.
- SQL queries for the system's high-load components were **optimized**, which increased website responsiveness and cut database expenditures by 20%.
- Developed a **social media Facebook-like platform using NODEJS React**, and **AWS cloud** architecture for a client company **MIINGO GROUP OF COMPANIES**.

INGRESS BUSSINESS SYSTEMS

kampala, Uganda

Backend Developer

08/2018 - 10/2019

- **Implemented** and **optimized** database schema and queries, resulting in improved database performance and **reduced query response time by 30%**.
- Improved user interfaces by updating menus to be more intuitive, increasing sales by 5%
- **Developed** and **maintained** automated testing and deployment pipelines, resulting in **faster** and more **reliable delivery** of software products.
- **Collaborated** with cross-functional teams, including frontend developers and product managers, to ensure **seamless** integration of frontend and backend functionalities
- **Spearheaded** the revamp of tech stack which resulted in **40% decrease in server costs**

SKILLS

JavaScript · Java · Springboot · TypeScript · Golang · MySQL · Python · NodeJS · Algorithms · Design Patterns · MongoDB · Redis · Unit Testing · ReactJS · NextJS · Git · AWS · GraphQL · Bash · Linux · HTML · FIGMA · CSS

Education

Makerere University
Bachelor of Science, Computer Science

Kampala, Uganda
08/2019 - 09/2022

REFERENCES

✓ Ocen Jackson, General Manager,
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