James Njovu

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SUMMARY

Results-driven Full Stack Software Engineer with an excellent capacity to handle challenging situations. 4 years of professional experience, including building reusable and gorgeous UI components and designing scalable back-end architectures using agile methodologies. Strong leadership background with 2 years of experience in mentoring junior developers, with strong interest in AI/ML.

EXPERIENCE

Senior Software Engineer   July 2020 - Present, LongAcres, Lusaka, Zambia

Probase Limited Zambia

- Manage and lead a team of 7 developers, including daily standsups, code reviews, performance tracking and ongoing mentoring.
- Develop, deploy, maintain and support company systems in addition to designing and managing system databases.
- Develop RESTFul based APIs to support flexible querying data by mobile app consisting of 10+ endpoints.
- Build multiple internal tools, including a dependency in elixir to integrate to MNOs seamlessly helping fellow developers write less code and increasing system delivery speed by 20%.

Freelance Software Developer   September 2019 - June 2020, Lusaka

Self Employed

- Build systems for 20% of the computer studies students for their final projects using PHP, HTML5, CSS3 and JavaScript.
- Create schema of SQL-based relational database for a new admin portal, involving 20+ tables, along with fields, foreign keys relationships, pivot tables.
- Build an E-banking mobile application using JAVA, XML and PHP

SKILLS

Programming Languages: Elixir, JavaScript ES6, SQL, HTML5, CSS3, JAVA and Python 3.

Platforms & Technologies: Phoenix, Node.js, Docker, MsSQL, Postgres, Oracle, RESTful API's.

Operating Systems: Windows 11, Ubuntu (Linux), CentOS (Linux) and Unix.

Problem-solving capability and Mathematical Skills

PROJECTS

Electronic Toll Collection

Probase Limited Zambia • September 2020 – February 2021

- Develop USSD using Soap and REST APIs in elixir SweetXML.
- Integrate mobile money payment features with Airtel, Zamtel and MTN to provide seamless payments using Elixir for the Backend and Phoenix LiveView for Frontend.

- Ensure that all client issues should be resolved within the time frame and provider a 100% customer satisfaction.

Lusaka City Council Payment Gateway

Probase Limited Zambia • August 2021 – November 2022

- Integrate with Cybersource to provide seamless card payments.
- Develop and design gorgeous graph for simplified data representation.

Revenue Services Lesotho (RSL) Tax Collection Gateway

Probase Limited Zambia • September 2022 – March 2023

- Integrate with Asycuda and Domitee to provide seamless querying and settling of customs and inland taxes.
- Integrate mobile money payment features with Econet and M-Pesa to provide seamless payments using Elixir for the Backend and Phoenix LiveView for Frontend.

525 USSD Gateway

Probase Limited Zambia • Apirl 2023 – May 2023

- Integrate with Airtel, MTN and Zamtel to provide USSD functionality on all 3 service providers.
- Project a single endpoint for third party apps to connect using a shared shortcode and different extension codes.

EDUCATION

Bachelors in Computer Science

- ZCAS University • Dedan Kimathi Rd, Lusaka, Zambia • Expected 2025

Secondary teachers Diploma in Computer Science

Minor in Mathematics • Evelyn Hone College of Applied Arts and Commerce • Corner of Dushambe and Church Road, Lusaka, Zambia • 2020

Modules includes:
- Troubleshoot advanced hardware and software problems.
- Implement basic host, data, and network security.
- Configure devices to connect to the internet and Cloud services.
- Install components to build, repair, or upgrade personal computers.

Successfully completed all required modules and projects. Assessment was via a combination of examinations, coursework and individual projects.

COURSEWORK

Huawei Seeds for the Future Program

Evelyn Hone College of Applied Arts and Commerce • 2020 • Teamwork, knowledge in 5G, AI, cloud computing and HMS

REFERENCE

FULL NAME	PHONE NUMBER	RELATIONSHIP
Phiri Chani	260 97 0210154	Senior Developer/Supervisor
Nyambe Kalaluka	260 77 0541886	Supervisor
Peter Chileshe	260 97 2718659	Project Manager