PATRICK KIMANJE

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FULL-STACK DEVELOPER (NODE)

Proficient Full Stack Developer with 4 years of hands-on experience in design, implementation, and testing of both backend and frontend enterprise-level systems. I have used market-leading technologies like Node/Express, Nextjs, React, TypeScript, Python (Django, Flask), Docker and AWS. I am a go-getter, a quick learner and a team player with experience working in an agile team

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Software Development Life Cycle · Devops / Frontend / Backend Design · Node Programming
User Interface Design · Requirements Analysis · Troubleshooting / Debugging

Languages: JavaScript, Python
Web: JavaScript, TypeScript, CSS, Express.js, React.js, Node.js, Django, Flask, Tailwind, Redis
Web Services: AJAX, JSON, RESTful Microservices
Web and Application Servers: NGINX
Frameworks: React, Next.js, Express, Tailwind, Django, Flask
Design Patterns: Singleton, Prototype, Observer, Session, Session Factory
Databases: MongoDB, MySQL, PostgreSQL
Tools: Github, Git, Maven, Docker, Postman, IntelliJ, Pivotal Tracker, Jira
SDLC: Agile / Scrum, Waterfall, TDD
Platforms: Linux, macOS

PROFESSIONAL EXPERIENCE

COGNATIVE INSIGHTS, Kampala, Uganda · 2019 - present
Software development company.

Full Stack Software Developer
Contributed to all phases of software development life cycle for frontend and backend systems.
- Designed new features, functionalities, and capabilities on dashboards.
- Analysed, recommended solutions, and designed user-friendly interfaces.
- Developed user portal and completed projects on time despite strict deadlines.
- Established bug fixes and code reviews.

Technologies Used: *Node, Express.js, Next.js, Redis, TypeScript React.js, JSON, Typescript, JavaScript, Bootstrap4, Tailwind, Docker, AWS*

SWARMBYTE, Kampala, Uganda · 2021 - present
Software development company

Co-founder and Lead Software Developer
Contributed to all phases of software development life cycle for frontend and backend systems.
- Streamlined delivery of complex features on schedule despite challenging deadlines.
- Met client specifications while preparing clean and efficient code to industry standards.
- Designed seamless optimised backend APIs services for client and internal products with Node / Python
- Designed dashboard user interfaces with React.
- Developed database models.

Technologies Used: *Node, Express.js, Next.js, Redis, TypeScript React.js, JSON, Typescript, JavaScript, Bootstrap4, Tailwind, Docker, AWS, MongoDB, Postgres, Python*

TABZ MEDIA, Kampala, Uganda · 2021 - present
Leading software development company for mobile and web applications.

DevOps and Full Stack Software Developer

Contributed to all phases of software development life cycle for frontend and backend systems.
● Developed USSD systems used to send betting tips to gamblers across the whole East-Africa
● Ensured client specifications were met while preparing clean and efficient code to industry standards.
● Setup cloud infrastructure to run the USSD and Client dashboards
● Designed dashboard user interfaces with Next.js and Tailwind.
Technologies Used: *Node, Express.js, Next.js, Redis, TypeScript React.js, JSON, Typescript, JavaScript, Bootstrap4, Tailwind, Docker, AWS*

SNOW MEDIA, Kigali, Rwanda · 2021-2022
Software development company.

Full Stack Software Developer
Contributed to all phases of software development life cycle for frontend and backend systems.
● Established bug fixes and code reviews
● Met client specifications while preparing clean and efficient code to industry standards.
● Built micro-services for the tech-talent system
● Designed dashboard user interfaces with React, Tailwind and TypeScript.
● Implemented troubleshooting and debugging while upgrading existing software.
● Developed database models.
Technologies Used: *Node, Express.js, Next.js, Redis, TypeScript React.js, JSON, Typescript, JavaScript, Bootstrap4, Tailwind, Docker, AWS*

NEXT MEDIA, Kampala, Uganda · 2020-2021
The leading multimedia company in Uganda aspiring to become the most relevant media in Africa

Backend Software Developer
Contributed to all phases of software development life cycle for frontend and backend systems.
● Met client specifications while preparing clean and efficient code to industry standards.
● Setup cloud infrastructure to run the API and Client dashboards
● Designed dashboard user interfaces with Django.
● Built an optimized backend system with Django Rest Framework
● Implemented troubleshooting and debugging while upgrading existing software.
● Developed database models.
Technologies Used: *Django, Redis, JSON, Typescript, Docker, AWS*

Amazon, Seattle, Washington, USA· 2020-2021
A multinational technology company.

AWS Cloud Ambassador
Contributed to all phases of software development life cycle for frontend and backend systems.
● Early access, under NDA, to AWS services and proving feedback to the AWS team.
● Participate in a monthly AWS Educateupdate call ensuring up-to-date information on the latest AWS
● Participated in AWS cloud hackathons based on using AWS services to solve problems
Technologies Used: *AWS, S3, EC2, Cloudfront, Route53*

ANDELA, Kampala, Uganda · 2018-2019
Andela is a global job placement network for software developers.

Full Stack Software Developer
Contributed to all phases of software development life cycle for frontend and backend systems.
● Collaborated in distributed teams in (USA, Uganda, Kenya and Nigeria) on various software projects
● Worked as a mentor in the women in tech program aimed at orienting ladies into tech
● Used industry-leading software to deliver on client projects
● Met client specifications while preparing clean and efficient code to industry standards.
● Implemented troubleshooting and debugging while upgrading existing software.
Technologies Used: *Django, Python, Flask, Node, Express.js, Redis, TypeScript React.js, JSON, Typescript, JavaScript, Bootstrap4, Materialise*

A23 LABS, Kampala, Uganda · 2017-2018
Software development company.

Full Stack Software Developer
Contributed to all phases of software development life cycle for frontend and backend systems.
- Wrote clean, clear and well-tested code for various projects in Nodejs/Express/MongoDB/Flask
- Collaborated on all stages of the systems development lifecycle, from requirements gathering to production
- Analysed, recommended solutions, and designed user-friendly interfaces.
- Developed user portal and completed projects on time despite strict deadlines.
- Established bug fixes and code reviews.

__Technologies Used:__ Flask, Python, Postgres, Node, Express.js, React.js, JSON, Typescript, JavaScript, Bootstrap4

PROJECTS

Unclebob (2019): Designed the MVP of the Unclebob web application which links service providers to clients. Developed user interfaces and backend services. *__Technologies Used:__ Node, Express.js, Next.js, Redis, JSON, Typescript, JavaScript, Docker, AWS*

CEMIS (2022): Built the backend services for Cemis which acts as a data warehouse for all information related to the education system in Uganda. The system aggregates information from other systems and generates reports that the government uses to plan for the education sector. *__Technologies Used:__ Django, Redis, JSON, Typescript, Docker, AWS,* RESTful Microservices, *StarUML.*

Afro mobile (2021): Collaborated with team to build the Afro mobile app which broadcasts breaking news, videos on demand, live streams, music, sports, lifestyle and entertainment. *__Technologies Used:__ Django, Redis, JSON, Typescript, Docker, AWS.*

TECH STACK

Node, Express.js, Next.js, Redis, TypeScript React.js, JSON, Typescript, JavaScript, Bootstrap4, Tailwind, Docker, AWS, Python, Flask, MongoDB, Postgres, CSS, HTML, Django