

Jude Fabiano Imoli

Nairobi, Kenya | +254791808163 | judefabianose@gmail.com | judefabianodev.com

Experience

Senior Frontend Web Developer, University of Nicosia – Nov 2024 to Present

- Serving as lead frontend developer for PowerFlow, a core module of Evolve, the university's AI-powered application for research and student learning, using Next.js/React/TypeScript and GitHub for version control.
- Designed and implemented Personas, enabling API requests to adopt user-defined characteristics (e.g., professional doctor, researcher) for contextualized LLM responses.
- Developed Agents, a system for chaining multiple prompts with configurable specifications (personas, lists) to execute complex tasks.
- Spearheaded a complete UI redesign of the chat interface with Next.js/TypeScript, enhancing usability and modernizing the user experience.
- Built advanced multi-chat support, allowing users to run multiple conversations simultaneously.
- Integrated REST APIs and optimized frontend–backend workflows using TanStack, Zustand, and Context API.

Full Stack Engineer, RocketDevs – Aug 2023 to Present (part-time)

- Led the migration of a client's backend from PHP/MySQL to Node.js/MySQL, significantly enhancing performance and scalability.

- Deployed and managed cloud infrastructure on DigitalOcean, AWS, and Firebase (Ubuntu/Linux-based servers) for robust and reliable operations.
- Developed full-stack applications with React/Next.js and Python/PostgreSQL, leveraging Docker for containerization.
- Built and integrated generative AI models in Python to train and enhance AI assistants.
- Optimized infrastructure to reduce server costs by 20% using cloud-native technologies.
- Implemented CI/CD pipelines to streamline development and deployment processes.
- Maintained version control and conducted code reviews on GitHub/GitLab.

Software Developer, Biznapages Systems Ltd – Jul 2020 to Sep 2024

- Developed and maintained the Biznapages API with PHP/MySQL, alongside mobile apps in React Native (TypeScript) and web apps in React.js (JavaScript), ensuring 99% uptime.
- Built pixel-perfect UIs for web and mobile platforms using HTML, CSS, React, React Native.
- Applied Context API, Redux, and Zustand for efficient state management.
- Conducted unit/component testing with Jest.
- Integrated apps with MySQL, Firebase, MongoDB, and AWS for seamless data management.
- Implemented both RESTful APIs and GraphQL APIs for comprehensive data delivery.
- Established CI/CD pipelines for efficient continuous updates and code maintenance.

Web Development Intern, Tridex Group Company Ltd – Apr 2020 to Jul 2020

- Built websites for Tridex clients and solved customer issues using Tridex software.
- Developed and maintained websites with HTML, CSS, JavaScript.
- Assisted in implementing software solutions to meet client requirements.

Skills

Frontend: React, React Native, Next.js, JavaScript, TypeScript, TanStack, Zustand, Redux, Context API

Backend: Node.js, PHP, Laravel, Python, C#, REST APIs, GraphQL

Cloud/DevOps: AWS, Firebase, DigitalOcean, Docker, CI/CD, GitHub/GitLab

Databases: MySQL, PostgreSQL, MongoDB

Education

University of Eldoret – Eldoret, Kenya – Aug 2018 – Nov 2022

Bachelor of Science in Computer Science

Volunteer Experience

Maintaining the ISC Kenya website under Engineers Without Borders (EWB), supporting the organization's technology branch.