

Honorine Igiraneza

Full-Stack Developer

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Profile

Full-stack developer with experience in designing and developing scalable web and mobile applications from concept to deployment in domains like Banking, E-Commerce, and Decentralized Applications. Proficient in both front-end and back-end development; insists on high performance and user-centricity in solutions.

Frontend Development: Proficient in developing SPAs and PWAs using Vue.js, Nuxt.js, React, and Next.js. Build reusable, performant UI components with Vuetify, Material-UI, and Tailwind CSS to deliver optimal user experiences. Experience with micro-frontend architecture using Webpack, improving developer productivity by 20% and reducing boilerplate code by 10%.

Mobile Development: Develop cross-platform mobile applications using React Native and Flutter for iOS and Android. Focus on performance optimization, offline functionality, and seamless user experiences while integrating third-party APIs and native device features.

Database and Cloud Solutions: Design and manage MySQL databases with strong experience in PostgreSQL and MongoDB. Deploy applications using AWS services including EC2, RDS, and S3 to build scalable, reliable cloud infrastructure.

Backend Architecture: Build robust backend systems with Laravel PHP and Node.js/Express frameworks. Implement service-oriented architecture, Redis caching, and database optimization for enhanced performance. Manage background processing with Laravel Queues and Node.js workers, while developing RESTful APIs with comprehensive error handling and validation.

Technical Skills

Languages	JavaScript, Typescript, HTML, CSS, SQL, Python, Java
Frontend	Flutter, React.js, React Native, Material UI, Ant Design, Styled Component, Redux, Next.js, Vue, Remix, Angular, Kotlin
Style	CSS, SCSS, Tailwind CSS, Bootstrap
Database	PostgreSQL, MySQL, MongoDB, Firebase real-time DB
Version Controls	GIT(Github, Gitlab, Bitbucket)
CI / CD tool	Jenkins
Tracking Tool	Jira, Trello
Testing	Jest, RTL, Cypress
Cloud Service	AWS Lambda, Terraform, Redis, Amplify
Software platform	Docker, Kubernetes

Education

Bachelor's Degree in Software Engineering,

African Leadership University

2023 — ongoing

Diploma in Software Engineering and Embedded Systems,

Rwanda Coding Academy

2019 — 2022

Employment History

Full-Stack Developer at ImagineWe Rwanda

Feb 2025

- **Full-stack development with NestJS and Next.js:** built and maintained responsive web applications for educational platforms.

- **Authentication and access control:** implemented secure login, JWT-based auth, and role-based permissions.
- **Database management with MySQL:** designed schemas and handled efficient data queries and migrations.
- **Deployment and CI/CD:** deployed apps with automated CI/CD workflows.
- **Agile collaboration:** participated in sprints, code reviews, and cross-functional team discussions.

Full-Stack Developer at Kinvest Impact Foundation

Sept 2024 – Dec 2024

- Developed a farm management system using **Python (FastAPI)** and **React Native**, streamlining worker tracking, crop harvesting, and attendance, reducing errors by 80%.
- Implemented **OpenCV-based facial recognition** for attendance, increasing accuracy by 95% and minimizing payroll discrepancies.
- Integrated **Google Maps API** to monitor harvesting locations, boosting accountability and improving worker productivity by 30%.
- Designed a mobile app with **Flutter** for supervisors and workers, enabling real-time activity logging and reducing reporting delays by 50%.
- Used **MySQL** for secure, scalable data storage, supporting workforce expansion and increased harvest volumes.
- Delivered a scalable solution that optimized resource allocation, cut operational costs, and improved farm efficiency by 40%.

Full-Stack Developer at PivotAccess Ltd.

Aug 2023 – Sept 2024

- **Developed a custom UI component library** from scratch using React and TypeScript, reducing reliance on third-party frameworks and enhancing performance, accessibility, and scalability.
- **Implemented scalable front-end architecture** with the MVC model and reusable components in Next.js, optimizing code structure and maintainability.
- **Integrated Progressive Web App (PWA) capabilities** into company projects, including developing a mock PWA application with Next.js.
- **Optimized application performance** using React custom hooks and Atomic Design principles, ensuring compatibility across devices and browsers.
- **Migrated React.js applications to Next.js** to resolve SEO challenges, leveraging the Helmet module for better meta handling.

- **Implemented GraphQL and Apollo Server** for efficient data querying in React and Next.js applications.
- **Designed RESTful APIs** and managed large datasets in React.js applications styled with Tailwind CSS.
- **Integrated Redux and MobX** for state management across multiple React-based projects.
- **Developed new features** for community platforms using React Styled Components, React Custom Hooks, and WebSockets.
- **Contributed as Assistant Lead Developer**, guiding team members and providing technical solutions during Agile sprints.
- **Conducted unit and end-to-end testing** using Jest, Cypress, and React Testing Library, ensuring code quality and reliability.

Full-Stack Developer at AeTrade Group

Feb 2022 – Aug 2023

Modernized the codebase by migrating legacy Vue 2 components to Vue 3 Composition API, incorporating Vuetify to enhance scalability and maintainability.

- **Designed reusable UI components** using Vue.js and integrated secure payment systems with Stripe API, streamlining transactions and improving user experience.
- **Implemented secure authentication systems** using JWT and Laravel Sanctum, ensuring robust data integrity and access control.
- **Developed and optimized backend services** with PHP and Laravel framework, designing RESTful APIs for efficient data processing.
- **Streamlined database operations** by integrating MySQL with Eloquent ORM, enabling efficient querying and data management.
- **Optimized data pipelines** by reducing API call rates and potential bugs by 60% using Vuex state management, Vue 3 reactivity system, and computed properties.
- **Enhanced backend scalability and reliability** by implementing caching strategies with Redis and optimizing database queries with proper indexing.
- **Integrated Third-party APIs** with Stripe and Google services to improve user interaction using Laravel's HTTP client and Vue.js axios integration.
- **Implemented real-time features** using Laravel Broadcasting with Pusher for chat notifications, enhancing user interaction and engagement.
- **Setup CI/CD with GitHub Actions** using Docker for automated testing, building, and deployment of Laravel applications.
- **Refactored codebases** for maintainability and scalability to modernize legacy PHP systems to Laravel framework with Vue.js frontend integration.