

FULL-STACK ENGINEERGERALDMUVENGEI06@GMAIL.COM

Highly accomplished and results-driven Front-End Engineer with 5+ years of experience in designing, developing, and implementing scalable web applications. Proven expertise in modern JavaScript frameworks (React, Vue.js, Next.js, Nuxt.js), back-end technologies (PHP Laravel, Python, Node.js), and cloud platforms (AWS). Adept at optimizing development workflows, enhancing user experience, and driving impactful business outcomes through innovative solutions and a commitment to best practices. Demonstrated success in leading front-end development, improving application performance, and integrating third-party APIs to deliver high-quality, user-centric web applications.

SKILLS:

Languages: JavaScript, TypeScript, PHP, Python

Frameworks/Libraries: React, Next.js, Vue.js, Nuxt.js, Laravel, Node.js

Styling: Tailwind CSS, Bootstrap, HTML, CSS, SASS, SCSS

Databases: MySQL

Cloud: AWS Cloud

Testing: Vitest, Unit Testing, E2E Testing

DevOps: Git (GitHub, GitLab), CI/CD, Semantic Versioning, Webpack, Vite, VPS

Other: Linux (Ubuntu), Micro Frontend Architecture, RESTful APIs, GraphQL

EXPERIENCE:**Volane, Mauritius- Front-end Engineer****July 2022 - Present**

- Spearheaded frontend development for three web applications, integrating RESTful APIs that enhanced data retrieval speeds by 50% and overall user experience for 1,500+ active monthly users.
- Executed the implementation of micro frontend architecture, resulting in a 20% boost in developer productivity through code reuse and a more streamlined development process across the organization.
- Optimized build processes within the CI/CD pipeline, achieving a 30% reduction in build times, allowing developers to receive immediate feedback on code changes and enhancing the overall development experience.
- Championed the adoption of semantic versioning, resulting in a refined workflow that enabled the release of 10+ updates per quarter without introducing critical bugs into production environments.

- Architected scalable frontend solutions with reusable components utilized across 10+ projects, contributing to an overall increase in team productivity and a more cohesive user experience.

Kensoko.com, Nairobi - Frontend Developer

June 2020 - June 2022

- Executed the integration of APIs within web applications, resulting in a centralized data management system; utilized by over 20 business clients, enhancing overall operational efficiency.
- Designed and rolled out interactive features that transformed user engagement; after launch, session duration improved by 30%, and user retention rates increased by 15% in just three months.
- Spearheaded a collaborative effort to integrate SEO best practices into client-facing websites, leading to a measurable increase in unique visitors by over 500, which translated into a notable uptick in sales.
- Streamlined the data pipeline by developing Python scripts that automated data cleaning and preprocessing tasks, resulting in a 40% reduction in manual errors and enhancing data accuracy for reporting.
- Upgraded legacy jQuery applications to React and Vue.js, resulting in a 50% reduction in system maintenance costs and a significant boost in application scalability and performance.
- Optimized VPS configurations to enhance web application performance, achieving a 50% reduction in latency during peak hours and improving user satisfaction ratings by 20% in customer feedback surveys.
- Engineered seamless third-party API integrations with top-tier platforms including Google APIs, Stripe, and PayPal, resulting in enhanced real-time analytics capabilities and boosting monthly transaction volume by 25%.
- Did automations with Python, and large data harvesting, preparing and processing, with Python scripting and MySQL, saving the company costs in upwards of 2000 USD monthly.

Inspirehub (Mastermind Wireless) - Full Stack Developer

May 2019 - December 2019

- Engineered and launched tailored web application solutions that accelerated client workflows, resulting in a 25% increase in operational efficiency and automating over 30 manual processes across departments.
- Engaged with clients to conduct in-depth needs assessments and translate findings into actionable project plans, leading to the successful launch of 5 web apps that improved user engagement metrics by 40%.
- Established a standardized maintenance protocol across all applications, reducing average maintenance time by 35%, thereby reallocating 15 hours per week toward new feature development and strategic initiatives.
- Identified and rectified critical software bugs, leading to a 60% reduction in customer-reported issues and maintaining a consistent application performance level for more than 1,500 users.

PROJECTS:

Oil & Gas Downstream Web App Portals at Volane - Vue.js, Nuxt.js, React, Next.js, Pinia, Tailwind, CI/CD, Semantic Versioning

Enterprise Software Applications at Volane - JavaScript, TypeScript, Vue.js, CI/CD, Unit Testing, Bash, Python

[fanfundr.app](#) - Next.js, Typescript, Python, Tailwind, CI/CD, Unit Testing, System Design

[app.expipoint.com](#) - Vue.js, Nuxt.JS, Pinia, Tailwind, TypeScript, CI/CD, Unit Testing

Other projects include:- E-commerce Platforms, Point Of Sale, Fee Management System, Quotation & Receipts Generation Systems with PHP Laravel, MySQL, Postgres

EDUCATION:

Bachelor of Computer Science - Year Graduated 2019

Machakos University (MksU)

CERTIFICATIONS:

AWS Certified Cloud Practitioner

Web Penetration Testing at Udemy