

Melvin Mupondori (Frontend & Full-Stack Engineer)

Portfolio: mups.co.zw **GitHub:** github.com/iammerus **Email:** melvin.rufetu@proton.me

Location: Port Louis, MU | Open to Remote

Senior Full-stack Engineer with 5+ years of expertise in modern web development, specializing in Vue.js and React ecosystems. Proven track record of leading high-impact projects, including scaling systems to 1M+ daily requests and achieving 50%+ performance improvements. Deep experience with microservices architecture and cloud technologies (AWS, GCP). Passionate about building performant, accessible web applications using modern frameworks and UI libraries (Next.js, Nuxt.js, NaiveUI, shadcn).

Technical Skills

- Frontend: Vue.js (expert), React (advanced), Next.js, Nuxt.js (advanced), JavaScript/ES6+, TypeScript
- UI/Design: HTML5, CSS3, Tailwind, shadcn/ui, NaiveUI, Material-UI
- State Management: Vuex, Pinia, Redux, React Context
- Backend & APIs: Node.js, Express.js, HAPI, PHP (Laravel, Symfony), REST APIs, GraphQL
- Testing & Quality: Jest, Playwright, Cypress, Pest, PHPUnit
- Infrastructure: AWS, GCP, Docker, Kubernetes, Git, CI/CD
- Databases: MySQL, PostgreSQL, MongoDB, Elasticsearch
- Modern Web: PWA, SSR, JAMstack, WebSocket, Webpack, Babel

Professional Experience

Senior Full-stack Engineer | Community Dental Partners | Denton, TX | November 2022 - Present

Tech Stack: React, Next.js, Node.js, Laravel, GraphQL, AWS, shadcn/ui

Team Size: 18 engineers

- Architected and led frontend development of a high-performance web service using React and shadcn/ui.
- Enhanced application performance by 50% through optimized component rendering and state management with Redux
- Mentored 3 junior developers, leading to their promotion to mid-level roles.

Software Engineer | OperateBeyond | Grand Rapids, MI | August 2022 - October 2022

Tech Stack: Vue.js, NaiveUI, Laravel, Zend, Elasticsearch

Team Size: ~ 25 engineers

- Optimized Elasticsearch implementation, reducing index times by 40% and search latency by 50%
- Developed a responsive dealership management system using Vue.js and NaiveUI, attracting 500+ new customers

Software Engineer | Gfinity PLC | London, UK | July 2021 - July 2022

Tech Stack: Vue 3, Nuxt, Vite, NaiveUI, WebSocket

Team Size: 15 developers

- Developed a modern eSports tournament platform using Vue 3, Nuxt, and Vite, leveraging the NaiveUI component library
- Reduced application loading time by 80% through code splitting and lazy loading strategies
- Enhanced NVIDIA's GeForce Forums (Angular) performance by 25% through optimization of frontend components
- Built a real-time tournament system handling 100K+ concurrent users during peak events

Software Engineering Consultant | Community Dental Partners | Denton, TX | October 2020 - May 2021

- Architected and maintained 10+ microservices using Node.js and GraphQL
- Improved database read performance by 75% through query optimization and caching strategies
- Developed RESTful API service for patient data integration, implementing comprehensive error handling and data validation
- Created an automated testing suite using Jest and Playwright, achieving 90% test coverage

Software Engineering Consultant | American Sign Language Communication | Henderson, NV | September 2019 - September 2020

- Implemented a new deployment pipeline, increasing feature delivery speed by 40%
- Reduced build time by 60% through optimization of webpack configuration and build process
- Successfully migrated Node.js application to current versions while maintaining existing functionality
- Implemented comprehensive frontend testing strategy using Jest and Cypress

Full-stack Developer | AM Agency | Hurst, TX | January 2019 - August 2019

Full-stack Developer | Webdev Zimbabwe | Harare, Zimbabwe | April 2018 - December 2018

Education

Higher National Diploma In Information Technology | Mutare Polytechnic College | Harare, Zimbabwe | April 3, 2017

Certifications

- AWS Certified Developer Associate | Amazon | Issued: June 2022 | Expires: June 2025
- Vue.js Advanced Concepts | Vue Mastery | Issued: March 2023

Open Source & Community

- Contributor to Paynow ZW (12+ PRs merged) - <https://github.com/paynowzw>
- Wrote a tool for secret sniffing in codebases, Redflag - <https://github.com/BuggyCorp/redflag>