

AUSTIN MULA

Fullstack Engineer

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PROFESSIONAL SUMMARY

Fullstack Engineer (4+ years) building production systems end-to-end with Next.js/React on the frontend and Node.js/Express + PostgreSQL/MongoDB on the backend. Currently own architecture, a 100+ endpoint API layer, and CI/CD for a multi-module ERP serving ~10K internal users, and mentor a three-person engineering team. Also ship production Laravel/PHP and React Native. Comfortable owning a feature from schema design through deployment, and optimizing for performance, security, and maintainability along the way.

TECHNICAL SKILLS

- **Languages:** TypeScript, JavaScript (ES6+), PHP, HTML5, CSS3, Sass/SCSS
- **Frontend:** React.js, Next.js, Vue.js, Nuxt.js, React Native, Expo
- **Backend & APIs:** Node.js, Express.js, REST APIs, Laravel, JWT, OAuth 2.0
- **Databases & ORMs:** PostgreSQL, MongoDB, MySQL, Redis, Prisma, Mongoose, Sequelize
- **DevOps & Infrastructure:** Docker, GitHub Actions, CI/CD, AWS (S3, EC2), Vercel, Nginx, PM2, Git
- **Testing & Tooling:** Jest, React Testing Library, Postman, Swagger/OpenAPI, Jira, Figma
- **Practices:** Agile/Scrum, API-first design, system design, mentoring & code review

PROFESSIONAL EXPERIENCE

Senior Web Developer

Nathan Digital

January 2024 - Present | Nairobi, Kenya

- Architected and led end-to-end delivery of a custom in-house ERP (HR, inventory, procurement, reporting) spanning 15+ modules, serving ~10K internal users — built on Next.js, Node.js/Express, and PostgreSQL/MongoDB
- Mentored a three-person engineering team through code review and shared standards for API design, data modeling, and security
- Designed and own the platform's REST API layer — 100+ endpoints with authentication, validation, and role-based access control
- Established the team's CI/CD pipeline (GitHub Actions + Docker), moving releases from a slow manual process to same-day, zero-downtime deploys
- Implemented JWT authentication with refresh-token rotation and OAuth 2.0 for secure multi-tenant access
- Reduced application load times by roughly 25% through Redis caching, query tuning, image compression, and code splitting
- Introduced production monitoring and error tracking (PM2, Winston), significantly cutting time-to-diagnose for incidents

Software Engineer

Cytonn Investments

December 2022 - January 2024 | Nairobi, Kenya

- Owned fullstack feature delivery for an investment products platform (Vue.js/React + Laravel/PHP) serving 15K+ customers across Money Market Fund, High Yield Fund, and project notes products
- Designed and built 50+ REST API endpoints in Laravel for fund subscriptions, returns tracking, and authentication, with validation and error handling
- Owned database schema design for a multi-product system handling fund portfolios, subscriptions, and returns calculations

- Optimized backend performance on complex fund calculations through indexing, query optimization, and Redis caching, cutting response times substantially
- Shipped cross-platform React Native apps (iOS/Android) with React Navigation, backed by the Laravel API, letting users invest and track portfolios on mobile
- Delivered real-time fund-performance and transaction updates for thousands of concurrent users via Laravel Broadcasting (Pusher driver)
- Documented APIs with Swagger/OpenAPI, reducing frontend integration back-and-forth

Frontend Developer

Jenzabar (at USIU-Africa)

May 2022 - December 2022 | Nairobi, Kenya

- Built frontend features for an educational ERP in React — student portals, course management, and admin dashboards — serving 3K+ users
- Partnered with backend engineers to define API contracts and data structures for new features
- Delivered 20+ responsive UI components from Figma designs, ensuring cross-browser compatibility
- Refactored legacy class components to Hooks, reducing technical debt and improving maintainability

EDUCATION

United States International University - Africa | Nairobi, Kenya

Bachelor of Science in Applied Computer Technology | January 2019 - September 2022