

EYOB SAMUEL

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Senior Web Developer with over 10 years of experience in full-stack application development, specializing in React.js and Next.js within modern JavaScript ecosystems, with additional expertise in Vue.js and Flutter for cross-platform mobile solutions. Proven ability to architect and deliver scalable, high-performance web and mobile applications across fintech, HR tech, and enterprise domains. Deep expertise across the full React ecosystem - React.js, Redux/RTK, Next.js, Remix.js, Node.js, and NestJS — with hands-on experience in WebSocket-based real-time features, Docker-based deployment, and a strong focus on clean architecture, reusability, and maintainability. Track record of delivering measurable results, including 25% performance improvements, up to 100% unit test coverage, and support for a platform processing over ETB 3B+ in total transactions.

SKILLS

Front End: React.js, Next.js, Remix.js, Vue.js, Flutter/Dart, TypeScript, JavaScript, Redux/RTK, TanStack Query/Table/Router, Zustand, Vuex, Pinia, Tailwind CSS, Styled Components, Emotion, MUI, Ant Design, Shadcn/Radix UI

Back End: Node.js, NestJS, Express.js, GraphQL, REST API, WebSocket/Socket.IO, Passport.js, OAuth, RabbitMQ

Databases: PostgreSQL, SQL Server, MongoDB, MySQL, Snowflake, Redis

Testing & Tooling: Jest, React Testing Library, Cypress, Webpack, Babel, Vite/esbuild, Storybook, Highcharts, Recharts, Orval, MSW

DevOps & Cloud: Docker, AWS (EC2, S3, Lambda), Git, CI/CD pipelines, Nx Mono-repo, IIS

PROFESSIONAL EXPERIENCE

Senior Software Developer — Quantum Technology, Addis Ababa, Ethiopia *Sep 2024 – Present*

- Design and maintain a multi-tenant fintech admin dashboard used by banks and financial partners for BNPL, salary advance, and device financing operations, using Next.js and TypeScript.
- Build feature modules for customer, merchant, creditor, registration, reporting, and settings workflows across multiple bank tenants, with tenant-aware, role/permission-based route protection via JWT claims.
- Integrate multiple backend services (account, loan, product, finance, scoring, analytics, messaging, device APIs) and deliver rich data experiences with dynamic tables, filtering, and chart visualizations for cross-tenant reporting.
- Support a live, multi-tenant fintech platform processing over ETB 1B+ in total transactions, with white-labeled deployments shipped for OroIntBank, Gadaa Bank, and VisionFund MFI.
- Independently designed and built MkopoEasy[MkopoEasy], a separate digital lending brand focused on mobile device financing in Kenya, including its admin dashboard, merchant portal, creditor portal, and public marketing site.
- Independently initiated and developed a full-stack customer support and training management system (support.quantum.et) using Node.js and React.js.

Senior Software Developer — Excellerent Ethiopia Delivery Center, Arifpay Financial Technologies *Jul 2023 – Apr 2024 [Arifpay]*

- Developed the public-facing merchant registration website using Next.js and TypeScript, covering onboarding, KYC document submission, and account activation flows.
- Built the merchant admin dashboard for transaction tracking, settlement reporting, and account management, with dynamic, data-rich chart visualizations.
- Implemented checkout and payment processing flows integrated with Ethiopian Bank POS machines, consuming webhook callbacks for asynchronous payment confirmation with retry and idempotency handling.
- Added performance monitoring to support 200,000+ daily transactions, improving system responsiveness by 25%, and achieved 85% unit test coverage.

Senior Full Stack Software Engineer — Excellent Ethiopia Delivery Center, Vennderful Event Organizer Platform *Mar 2023 – Jul 2023*

- Architected a Next.js and Node.js platform connecting event organizers, planners, and venue providers, enabling cost negotiation, dynamic form generation, and real-time chat via a microservice architecture.
- Developed backend microservices using Node.js, Express.js, with state management via Redux (RTK) and RTK Query, and real-time chat rooms built on Socket.IO.
- Built dynamic form generators, multi-format report generation, and an internal venue/vendor management console; implemented CI/CD pipelines on AWS. Achieved 85% unit test coverage.

Senior Front-End Software Engineer — Excellent Ethiopia Delivery Center, Engage2Excel Recognition Platform *Jul 2021 – Feb 2023 [Engage2Excel]*

- Contributed to a multi-tenant employee recognition platform managing employee rankings and reward redemption for numerous enterprise clients, following a Micro-Front-End (MFE) architecture.
- Redesigned the component library using Storybook and built a reporting MFE leveraging Highcharts for comprehensive data visualization.
- Optimized front-end performance for millions of records through lazy loading, memoization, and server-side pagination/search; achieved 100% unit test coverage and full WCAG/RTL compliance.

Full Stack Software Developer — Excellent Ethiopia Delivery Center, Presence Browser Extension *Mar 2021 – Jun 2021 [Presence Browser]*

- Developed scalable and responsive web applications using React, TypeScript, Redux, Ant Design, and Tailwind CSS.
- Built reusable, maintainable UI components following modern frontend architecture and coding standards.
- Managed frontend development across multiple products, including four web applications, Chrome Extensions, and SDK interfaces.
- Integrated frontend applications with REST APIs and optimized data handling for reliable user experiences.
- Implemented automated frontend testing using Jest and React Testing Library.
- Configured and maintained frontend CI/CD workflows across development, staging, and production environments.
- Collaborated with cross-functional teams to deliver features aligned with business and client requirements.
- Supported onboarding of developers by explaining frontend architecture, coding standards, and project structure.

Software Developer — EITCAS *Mar 2019 – Feb 2021 [EITCAS]*

- Led development of a comprehensive College Management System using React.js, AngularJS, and a Node.js/Express.js REST API backend with Microsoft SQL Server.
- Built student registration and faculty portal modules; conducted internal training sessions on programming languages, frameworks, and database systems.

Website and Software Developer — Edagu Engineering *Sep 2015 – Dec 2018 [EDAGU Engineering]*

- Led end-to-end design, development, and deployment of a full ERP solution and a B2B mobile application, engineering the ERP front-end and back-end with React.js and Node.js in a microservice architecture.
- Built 'dagu-365,' a B2B communication platform, using Flutter and Firebase; developed dynamic marketing websites using WordPress and Elementor, with Git-based CI/CD throughout.

PROJECTS

Get2Learn (get2learn.com)

- Independently built a full-stack, multi-tenant, company-specific on-demand learning platform where organizations offer their own catalog of courses; learners browse and enroll, or request a live tutor with Zoom-integrated scheduling.
- Implemented authentication with Better Auth and built the UI with React/Next.js, Shadcn, and Recharts for tutor/enrollment analytics; designed the UI/UX in Figma, using Orval and MSW for type-

safe API generation and mocking.

Computer Graphics Simulator (Computer Graphics Labs)

- Independently built an infinite-canvas web app for visualizing computer graphics algorithms, modeled on tools like Desmos/GeoGebra, covering areas such as flood-fill algorithms and clipping algorithm taxonomies.
- Built with Next.js, React, and react-konva to render interactive, step-through visualizations of algorithm behavior directly on the canvas.

EDUCATION

M.Sc. in Software Engineering — Addis Ababa Science & Technology University, College of Electrical & Computer Engineering (2017 – 2019)

B.Sc. in Computer Science — Dire Dawa University, College of Engineering (2011 – 2014)