

Nathan Solomon Zegeye

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WORK EXPERIENCE

Full Stack Engineer, Pairing OU

Apr 2025 – Present

- Build and ship features across a multi-tenant CRM platform and marketing site: React 19, TypeScript, React Native, and Next.js on the front end; Fastify, Drizzle ORM, and PostgreSQL on the back end.
- Owned end-to-end delivery of bookings, surveys, media and file management, training/LMS, community, email campaigns, and events, covering data modeling, API design, and UI.
- Built the platform's original Ruby on Rails services, then helped migrate the product to a Fastify/TypeScript backend while keeping the shared PostgreSQL database and Rails admin services running in production.
- Delivered six client-requested features in under six months, two of them in the first month, supporting full product adoption.

Frontend & Mobile App Developer, Maraki (Contract)

Jan 2024 – May 2024

- Built a responsive system for managing multi-institution student applications and tasks, integrating Google Calendar and React Query, reducing manual processing time by 95%.
- Implemented real-time communication with Socket.IO for 5,000+ concurrent users, improving collaboration between students, representatives, and employees.
- Developed and published a React Native + Expo mobile app for visa tracking, forums, and chat.

Lead Frontend Developer, OPENFLOW

Jun 2023 – Mar 2024

- Delivered 3 production systems using React, TypeScript, and Bootstrap, enabling remote management of family, work, and property data for 2M+ Addis Ababa residents.
- Integrated 250+ API endpoints and converted Figma designs into reusable components within 2 months, using custom hooks to cut development time across three projects.
- Promoted to Lead Frontend Developer and coordinated cross-functional teams to meet aggressive deadlines.

Frontend Developer, EDit Educational Services

May 2023 – Jun 2023

- Built an MVP in two weeks, delivering an interactive educational platform designed for children.
- Integrated Firebase with React to enable real-time quizzes, rewards, and leaderboards.
- Designed an intuitive UI that demonstrated the platform's potential and helped stakeholders secure approval for further development.

Frontend & Mobile App Developer, N2collection (Contract)

Dec 2022 – Apr 2023

- Engineered and deployed a responsive eCommerce website using React and Tailwind CSS, attracting 2,100 monthly visitors at launch and replacing manual Instagram orders.
- Implemented a Strapi-based CMS that enabled the client to manage products, discounts, and inventory with reduced errors and faster updates.
- Built a React Native + Expo mobile app to capture detailed order information and allow customers to submit out-of-stock requests, boosting order processing efficiency by 40%.

Frontend Developer, Etiocart**Aug 2019 – Mar 2023**

- Revamped a legacy website into a modern, SEO-optimized SPA, taking the site from zero traffic to consistent user engagement.
- Maintained a comprehensive CMS that automated management of employees, partners, tickets, in-app currency, receipts, and mobile app user data, reducing manual tasks by 30%.
- Started as an intern and was promoted to Frontend Engineer, going on to lead a team of three developers building and optimizing the mobile app and CMS, improving automation of ticket sales, user management, and financial tracking across eight partner companies.

SKILLS**Languages:** TypeScript, JavaScript, Ruby, SQL, HTML, CSS**Frontend:** React, Next.js, React Native, Expo, Redux, React Query, TanStack Router, Tailwind CSS, shadcn/ui, Bootstrap, GSAP, Framer Motion, Three.js / React Three Fiber, WebGL**Backend:** Node.js, Fastify, Ruby on Rails, REST APIs, WebSockets / Socket.IO, JWT auth**Databases & ORMs:** PostgreSQL, Drizzle ORM, ActiveRecord, Firebase**Tools & Infrastructure:** Git, Docker, CI/CD, Strapi, Stripe, AWS S3**EDUCATION****Bachelor's Degree, Computer Science****Mar 2022****HilCoE School of Computer Science and Technology**