



Trevis Alexander

Full-Stack & Mobile Software Engineer

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SKILLS

Languages

English (Native) | Spanish (Full Professional)

Programming languages:

JavaScript, C#, Python, PHP

Mobile & Frontend:

React, React Native, Next.js, TypeScript, React Query, Redux, Tailwind CSS, Chakra UI, Vue, Angular

Backend & Real-Time Systems:

Express, Elixir, Phoenix, REST APIs, GraphQL, Redis Pub/Sub, Event-Driven Architecture, Low-Latency Data Flows

Databases:

PostgreSQL, MySQL, MongoDB, Prisma ORM, Redis

DevOps & Infrastructure:

GitLab CI/CD, GitHub Actions, Docker, AWS, Google Cloud, Kubernetes, Terraform, Cloud Functions

Testing & Tools:

Cypress, Playwright, Jest, Vitest, Mobile unit & integration tests, Linux, Agile workflows, Jira

Design & Tooling:

Framer Motion, Figma, Shadcn/ui, Notion

EDUCATION

arol.dev Software Engineering Master Program

Cisco Networking Academy Networking Technician (CCST)

CompTIA Tech Career Academy CompTIA A+ (Core 1 & Core 2)

PROFILE

Full-stack and mobile engineer with experience building high-performance web and real-time applications using React, React Native, Next.js, Node.js, and event-driven backend systems. Skilled in developing low-latency interfaces, integrating streaming data, and shaping reliable architecture for complex products. Brings a strong product mindset with the ability to collaborate across disciplines, lead technical initiatives, and deliver maintainable systems that balance performance, clarity, and user experience.

Areas of Expertise: WebSockets, Real-Time Data, Full-Stack Development, React Native, Performance Optimization

Top Soft Skills: Always learning and improving, Thoughtful and reflective, Reliable team relationships, Focused on achieving results, Strong problem-solving approach.

EXPERIENCE

TIBURON: Full-Stack Software Engineer

Apr 2025 - Apr 2026

Worked on a waste-management platform using Next.js, Node.js, and FastAPI integrations. Focused on improving speed, stability, and the flow of data between UI and backend systems.

- Designed full-stack features using React, Next.js, and Node.js to support user workflows and platform operations.
- Implemented API integrations and background services to improve data syncing and performance.
- Developed responsive UI components, ensuring seamless user interaction across devices.
- Collaborated with Marketing and Sales to refine product interaction patterns and improve engagement outcomes.
- Performed ongoing audits to detect bottlenecks across backend endpoints and frontend rendering.
- Tuned frontend performance through lazy loading and optimized builds, cutting load time and improving core metrics.
- Built mobile-ready components and adapted logic for React Native compatibility to support future mobile expansion.

BeChained: Frontend & Real-Time Systems Engineer

Jul 2024 - Feb 2025

Developed a data-intensive dashboard for manufacturing analytics using React, TypeScript, Node.js, and real-time data streams.

- Designed efficient React components that minimized over-rendering in high-frequency update scenarios, improving client-side performance by 25%.
- Integrated third-party APIs for analytics, enhancing data collection and visualization capabilities.
- Strengthened SEO for public modules and documentation, increasing discoverability.
- Conducted code reviews, promoting best practices in development and deployment.
- Added backend endpoints to support user roles, permissions, and API access.
- Led code quality initiatives through reviews, guidelines, and consistent engineering practices.
- Worked closely with data engineers to ensure accuracy and stability of high-frequency metrics.

Pyme Servicios: Full-Stack Developer

Feb 2024 - Jul 2024

Delivered full-stack solutions for small businesses through WordPress, custom PHP modules, and Node.js automations.

- Created automation scripts for smoother internal workflows and data processing.
- Created custom WordPress plugins with backend logic for scheduling, payments, and contact forms.
- Enhanced site performance using CDN and caching strategies, achieving a 90+ Lighthouse score.

- Implemented SEO enhancements to increase web visibility and drive organic traffic.
- Implemented CRM integration with WordPress plugins to enhance lead management and client communication.

Freelance-Project: Full-Stack & Mobile Engineer

May 2021 - Feb 2024

Worked with founders and small teams to design, develop, and deploy tailored full-stack and mobile-ready applications.

- Fundraising Campaign Manager (Nonprofit Tool): Built campaign creation, donor tracking, and reporting dashboards using Next.js + Node.js. Used PostgreSQL + MongoDB, deployed with Docker and Kubernetes on AWS.
- Mobile Fitness App (React Native): Built cross-platform screens with offline sync, timers, and notifications. Deployed backend with Kubernetes on AWS EKS.
- SaaS Subscription Platform: Implemented Stripe Billing, Prisma ORM, and Redis caching. Built CI/CD pipelines with Azure DevOps and Docker.
- Real-Time Trading Platform: Built a WebSocket-based trading dashboard using Node.js, Redis Pub/Sub, and React. Containerized architecture using Docker and deployed on AWS.
- AI-Powered Scheduling Optimizer: Developed ML workflows using Python, integrating prediction logic with a Node.js API. Managed training data in PostgreSQL + MongoDB; deployed on Kubernetes + AWS Lambda.
- Portfolio Platforms: Created custom admin dashboards, dynamic page rendering, and authentication workflows using Next.js App Router + Prisma.
- Logistics & Delivery Dashboard: Built a real-time routing interface with Google Maps API and Redis streams. Deployed as distributed microservices on AWS using Docker.
- Portfolio & Admin Platforms: Developed secure admin dashboards using Next.js, Prisma, and role-based access.
- API Integrations & Automation Workflows: Integrated Stripe, Supabase Auth, Twilio, Google Maps, and built automation logic in Node.js + Python.