Hakob Chalikyan

hchalikyan3@gmail.com | California | (818) 517-4836 | Portfolio | LinkedIn | Github

WORK EXPERIENCE

Technical Co-Founder | CheckinIn | *January 2025 – Present* | **https://www.checkinin.com**

- Co-founded and built a B2B SaaS generating ~$1,000 MRR, owning full product lifecycle from development and product architecture to customer support.
- Built a multi-location operations platform processing ~500 tasks per week, enabling task management, live video check-ins, time tracking, and team rewards from a single dashboard.
- Developed cross-platform apps (Next.js web + React Native/Expo tablet) with real-time sync, reducing owner on-site visits by 50% through remote monitoring and live video check-ins.
- Implemented real-time video workflows and two-way digital notes with automated notifications, enabling staff to surface issues without on-site intervention.
- **Stack:** Typescript, Next.js, React Native, Expo, Convex, Tailwind, LiveKit

Software Engineer II | Nidec - Motion Control Engineering | *April 2024 – Present*

Software Engineer | Nidec - Motion Control Engineering | *November 2021 – April 2024*

- Engineered a custom WYSIWYG layout engine for hardware configuration, allowing non-technical stakeholders to build fully flexible, component-based designs while reducing customization times from 1 week to <4 hours.
- Led development of a client-side application for a hardware modernization platform, bridging legacy systems with modern feature sets to reduce wait times from 2+ years to 1 week.
- Collaborated with backend engineers to design telemetry schemas for critical hardware metrics (e.g., thermal thresholds), ensuring efficient data transmission across 100+ distributed endpoints.
- Built a real-time observability dashboard that visualizes these data streams, transforming a zero-visibility environment into one where technicians can pinpoint specific hardware failures instantly.
- Owned the frontend technical design end-to-end, authoring requirements, design specs, and testing plans, while executing the majority of development and coordinating task handoffs with a junior engineer.
- Developed a remote dispatching system that expanded the product into new verticals by enabling authorized personnel to control hardware from centralized locations.

SELECTED PROJECT

NBA Scorigami | **https://www.scorigaminba.com**

- Grew an automated X/Twitter bot to 39,000+ followers organically, generating 1M+ impressions monthly through real-time post-game score analysis
- Engineered a data pipeline processing 70,000+ historical NBA games, with automated daily updates achieving 99.9% uptime since launch in October 2024
- Built an interactive web app visualizing 75+ years of scoring data, supporting filters across 30 teams
- **Stack:** Typescript , Next.js, PostgreSQL, Python, tRPC, Drizzle ORM, Tailwind, D3.js

SKILLS
Languages: TypeScript, JavaScript, Python, C#
Frontend: React, Next.js, React Native, Expo, Tailwind CSS, D3.js
Backend: Node.js, tRPC, .NET, REST APIs, WebSockets
Databases & Caching: PostgreSQL, Convex, Redis
Infrastructure & DevOps: AWS, Docker, Vercel, GitHub Actions, CI/CD
Tools: AI SDK, Git, Drizzle ORM, LiveKit, PostHog, Sentry

EDUCATION

University of California, San Diego | Mathematics and Computer Science, B.S | June 2020