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Building AI apps | Full-stack TypeScript Engineer

SUMMARY

Full-stack software engineer with 7+ years of experience building AI-powered apps. Led engineering for products, shipping real-time systems using React, Next.js, React Native, Node.js, and modern AI stacks. Experienced in owning products end-to-end, from MVP to scale.

PROFESSIONAL EXPERIENCE

Re:cruit (re.cruit.so)

January 2021 - September 2025

Senior Software Engineer (Full-stack) • Full-time

I worked on products like Re:tune, Thybrid, Awaken, and Sierra Romeo as a full-time full-stack software engineer. These are the products made by re:cruit. And I worked as a contractor in Replo and Gerald as an engineer from Re:cruit.

- **Re:tune** (re.tune.so) • Founding Engineer
 - Built core AI chatbot platform (embeddings, training pipelines, response generation).
 - Owned customer demos, technical onboarding, and community support (Discord, [YouTube](https://www.youtube.com)).
 - Led the engineering team and scaled it to 20,000 active users.
- **Replo** (YC S21 - re.plo.app) • Software Engineer - Contract
 - Joined Replo right after the founders got into [YC](https://www.ycombinator.com), and helped to build the MVP for Replo, a visual React application builder for Shopify.
 - Developed core application parts, including visual editor, drag-and-drop features, and CRM integration with Shopify. Made the product more stable by fixing all the issues and helped scale it up at an early stage.
- **Gerald** (YC W21 - [joingerald.com](https://www.joingerald.com)) • React Native Engineer - Contract
 - Redesigned the mobile app UI for Android and iOS, introducing new features that boosted app installations.
 - Improved the landing page UI with an updated design and fixed responsiveness.
- **Osmind** (YC S20 - osmind.org)
 - Refactored and modernized the clinic portal. Modularized and reorganized the frontend.
 - Created a component library and moved part of the core from JS to TS.
- Developed and managed these AI apps using JavaScript/Typescript frameworks -
 - **Thybrid**(thybrid.fly.dev): Built the workout generator AI chatbot, community/group chat, and UI both for mobile and web.
 - **Awaken**(awaken.is): Managed the engineering team, built the mobile app with Expo, and played a key role in landing the first paying customer.
 - **Sierra Romeo**(sierraromeo.ai): Worked on backend (database schema, server functions) and AI logic.

Toptal ([Toptal resume](https://www.toptal.com/resume))

Developer • Contract

September 2025 - Current

Delivered multiple production-grade systems for global clients via Toptal, including:

- **AI-powered customer service:** Built an AI chatbot where customers can place orders and learn about product pricing with WhatsApp and spreadsheet integration.
- **Chatbot application for FRESH TV INC:** Built a dashboard using the YouTube API to monitor live chats, fetch keyword-based responses, and enable admins or bots to send customized replies.
- **Time Out Matters**(timeoutmatters.com): Built this healthcare platform from scratch, added

authentication, an admin dashboard, AI chatbots, digital storage, etc.

AlgoMatrix

Software Engineer • Full-time(first 6 months as an intern)

July 2017- June 2019

- Developed an iOS content aggregator app from scratch, and the app was approved for the iOS App Store.
- Designed and implemented RESTful APIs to serve content to the mobile/web app.

IPay Systems Ltd.(ipay.com.bd)

App Developer • Full-time

July 2019 - December 2019

Added card saving and card payment features on the iPay app, which is an online payment platform with an e-wallet.

AnyConnect(anyconnect.com)

iOS App Developer • Contract

January 2020 - April 2020

Worked on the AnyConnect iOS mobile app that enables smart camera networks powered by AI.

PROJECTS

- **10xlaunch** - Identifies website visitors and enriches their profiles, and sends lead data directly to Slack, making it easy for businesses to take immediate action. It was named Product of the Day and Week on [Product Hunt](https://www.producthunt.com/). The project has gained 888 sign-ups, with 260 successful website installations, and generated 14,000 leads.
- **Jetson** (jetsonworkforce.com) - Built the MVP for Jetson from scratch as the only full-stack engineer.

TECHNICAL SKILLS

- **Language and Frameworks:** TypeScript, React, React Native, Node.js, Next.js, Swift, Objective-C
- **AI / Backend / Infra:** OpenAI APIs, embeddings, vector databases, PostgreSQL, MySQL, Docker, GCP, n8n
- **Core CS:** Data Structures & Algorithms, Competitive Programming (solved 1000+ problems from online judges like UVA, LightOJ, SPOJ, [Codeforces](https://www.codeforces.com/), etc, participated in ACM ICPC Regionals)

EDUCATION

Bachelor's degree in Computer Science

Shahjalal University of Science and Technology

2013-2017