Robert Niimi

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SUMMARY

Senior full-stack engineer with 10+ years in startups, from employee #1 to founder. I work directly with customers and sales teams to scope and prototype solutions, then ship them in TypeScript across React, Next.js, and Node.js. Most recently I have built LLM extraction pipelines and long-running AI agents.

EXPERIENCE

Software Engineer, Hanover Park

Dec 2025 - Jul 2026

Hanover Park is an AI-native fund administration platform for private equity and venture capital firms, providing unified fund administration, portfolio intelligence, and AI agents for real-time fund management.

- Sole engineer for the platform's portfolio monitoring product, owning architecture, front end, back end, and delivery on a full-TypeScript stack (React/Next.js)
- Worked directly with customers, primarily GPs and CFOs at investment funds, to gather requirements, scope features, run feedback sessions, and rapidly ship iterations based on how they used the product
- Automated KPI collection across thousands of portfolio companies, consolidating founder-submitted forms, AI email extraction, and values detected during form ingestion into a unified metrics view
- Owned and maintained the AI email ingestion pipeline extracting KPI values from unstructured portfolio company communications, using RAG, LLM-based document extraction (Reducto), and long-running agents (Trigger.dev)
- Built and maintained the firm's internal task management system

Lead Front-End Engineer, Flexa

Aug 2024 - Dec 2025

Flexa is a pure-digital payments network enabling instant cryptocurrency payments at merchants worldwide.

- Led front-end architecture and development using React, Next.js, and TypeScript for payment infrastructure processing digital asset transactions
- Architected and maintained the monorepo structure, enabling efficient code sharing and consistent development practices across multiple applications and services
- Owned end-to-end product experience for Flexa Checkout with Base Pay, Mini Apps, and Payment Page products serving over 40,000 merchant locations
- Championed company-wide AI adoption, leading the rollout of Claude Code across engineering and delivering internal technical talks on AI-assisted development workflows

Co-Founder & CTO, LIQ Auctions

Jun 2023 - May 2024

LIQ Auctions is a fully on-chain auction protocol and auction house for real-world assets (RWAs). It features instant liquidity for sellers and a bid-to-earn model.

- Co-developed the Liquid Auction Protocol on EVM-based blockchains
- Completed Outlier Ventures Polygon Base Camp accelerator program
- Architected and built the full web application
- Led UI/UX design

Co-Founder & CEO, Plugd Inc.

Sep 2019 - Jun 2023

- Led front-end development of the web and mobile apps (React / React Native)
- Led strategy for growth (>100k app installs)
- Managed and hired design & engineering contractors
- Raised Angel / Pre-seed round

Software Engineer, Shōgun (YC W18)
Dec 2018 - May 2019

- Built reusable React components and page builder elements for the drag-and-drop visual editor

Founder, FareWell for Uber and Lyft
2017 - 2018

Ride sharing comparison mobile application; sole creator through acquisition in 2018

- Designed, built, and launched application for iOS and Android phones
- Used React Native along with the Uber/Lyft APIs to seamlessly compare prices and book rides
- Organically grew user base to over 10,000 monthly users and 50,000 total downloads in 1 year
- Led acquisition by Bellhop Technologies, DBA Obi

Founding Software Engineer (Employee #1), Engagio
May 2015 - Aug 2017

Engagio was an early-stage sales and marketing platform, acquired by Demandbase in 2018

- Worked directly with the sales team and dogfooded the application internally, helping prototype products from sales feedback to support closing SMB deals
- Co-architected the core web application, designing the frontend state management system on React/Redux patterns in their earliest days (2015)
- Built many of the product's most visual screens, including analytics dashboards with multiple interactive graphs
- Architected, built, and managed the company's core React component library and browser extension
- Created, implemented, and documented front-end best practice standards for the company

Process Engineer, Procter & Gamble
Jul 2013 - Aug 2014

SELECTED OPEN SOURCE

WebMCP Today: github.com/robertn702/webmcp-today
OpenCode Episodic Memory: github.com/robertn702/opencode-episodic-memory
Reasoning Router: github.com/robertn702/reasoning-router
Sunsama API & MCP: github.com/robertn702/sunsama-api

EDUCATION

Purdue University - West Lafayette
Bachelor's Degree, Mechanical Engineering

SKILLS

Languages & Frameworks: TypeScript, JavaScript, React.js, Next.js, Node.js, Express.js, React Native
Customer-Facing: Requirements gathering, customer feedback sessions, sales collaboration, rapid prototyping
Data & APIs: PostgreSQL, GraphQL, REST APIs
AI: LLM Integration (Anthropic Claude), RAG, AI Agents, MCP (Model Context Protocol), Context Engineering
Other: Web3