Navaneeth Sreekandan

AI Platform Engineer | Agents, Full-Stack Systems & Product Development

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Professional Summary

Full-stack engineer with 13+ years building software. Founding engineer and later Head of Engineering at Micro, where I designed and built most of the platform across agents, memory, data ingestion, and durable workflows. Previously co-founded Pawjourr and built its creator marketplace.

Professional Experience

Micro | New York, NY

Head of Engineering | Jun 2025–Present

• Conceived, designed, and built the memory system: working memory, episodic conversation recall, and long-term facts, with retrieval and consolidation across chats and automations.

• Built the agent harness, tools, skills, MCP integrations, computer use, sandboxed coding, and prompt-to-app. Recorded workloads included 1.1M tool calls (Apr–Oct 2026) and 161,122 retained AI conversation messages (Oct 21 snapshot).

• Built ingestion and CRM autofill from email and meeting transcripts, including typed updates and automatic record creation; 1.06M production workflow runs (Aug–Oct 2026).

• Built scheduled and durable automations with run identity, deduplication, retries, background authentication, and persisted results; 21k+ successful runs (Aug–Oct 2026).

• Built meeting recording, transcript processing, summaries, and follow-up tasks; 3,346 completed recordings retained at the Oct 21, 2026 snapshot, including internal activity.

• Led engineering while staying hands-on in architecture and code. Set technical direction, scoped features, and phased delivery around team capacity; owned hiring, mentoring, and releases.

Founding Full-Stack Engineer | Jan 2024–Jun 2025

• Built Micro from pre-product through alpha, beta, and general availability, connecting email, CRM, meetings, documents, search, and real-time collaboration.

• Owned frontend architecture and delivered APIs, shared data models, synchronization, testing, CI/CD, and infrastructure; built the unified inbox and command-driven search.

Pawjourr | New York City

Co-founder & CTO | 2019–Present

• Built the creator marketplace across campaign discovery, submissions, brand approvals, and administration, and led product and engineering.

• Helped scale the marketplace to 20,000+ creators, 100+ brands, and more than $1M in transaction volume.

Antler | Singapore

Entrepreneur in Residence | Jan–Jun 2020

• Built and pitched a startup in Antler’s Singapore program; the company secured S$100,000 as one of the first in its cohort selected for investment.

BBDO Singapore | Singapore

Creative Technologist | 2018–2020

• Worked directly with clients and creative teams to define, prototype, and ship interactive web and immersive experiences.

Safe Space | Singapore

Co-founder & CTO | 2017–2021 | Part-time

• Co-founded the counseling platform, built messaging and calling workflows, and led technical delivery and the engineering team.

Blue Bucket | Remote

Co-founder & CTO | 2014–Present | Part-time

• Co-founded the studio and led architecture and delivery for interactive web, commerce, and experiential projects.

Dentsu Group | Singapore

Senior Application Developer | Apr 2017–May 2018

• Led developers shipping web, hybrid, native, and immersive applications for enterprise clients.

Software Engineer | Jun 2014–Apr 2017

• Built interactive web applications and digital campaigns with JavaScript, React, and AngularJS.

Web Developer | Jun 2013–Jun 2014

• Built responsive websites and campaign pages, and automated recurring development workflows.

Skills

Architecture and AI: AI agents, Agent harnesses, Model Context Protocol (MCP), Tool integrations, Real-time systems, Software architecture, API design, Automation

Core technologies: TypeScript, JavaScript, React, Next.js, Node.js, PostgreSQL, GraphQL, HTML, CSS

Product engineering: Zero-to-one development, Full-stack engineering, Product management, Design systems, Marketplaces, CRM, Email platforms, Collaboration tools

Platform and delivery: AWS, Azure, CI/CD, GitHub Actions, Testing, Deployment, Serverless systems, Vercel

Leadership: Engineering leadership, Hiring, Interviewing, Performance management, Mentoring, Technical strategy, Product delivery, Founder partnership

Selected creative technology: React Native, Unity, Three.js, GSAP, Electron, AR/VR, Interactive installations

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Education

BSc (Hons) in Information Technology

Management Development Institute of Singapore | 2017–2019

Diploma in Information Technology

Republic Polytechnic | 2012–2015