

Shreyas Sane

shreyasdbz@gmail.com • Chantilly, VA • [linkedin.com/in/shreyassane](https://www.linkedin.com/in/shreyassane) • github.com/shreyasdbz

Full-stack engineer, 6+ years. React and TypeScript interfaces over LLM systems in production, and the API contracts behind them. At Microsoft since 2021, now leading Customization for Facilitator, the in-meeting AI agent. Founder of Exit Zero Labs: a paid encrypted-graph SaaS and an open-source threat-modeling desktop app.

Professional Experience

Microsoft | Software Engineer II | Nov. 2021 - Present

- Lead Customization for Teams Facilitator, the AI agent inside Teams meetings, where prompts and answers are visible to every participant and tenant policy gates every change. Run it close to fully agent-driven: standards checked into the repo, behavior scored against rubrics before it ships.
- Came to it from Facilitator's agenda product: prompt engineering, LLM orchestration, and evaluation-driven development. That surface now carries 100K+ weekly active users, customer satisfaction up 30%.
- Rebuilt Meeting Options, the panel behind nearly every Teams meeting, so the backend describes each setting and the UI renders from that description. New settings ship as configuration, not client releases. Led its reflow work and carried its on-call.
- Shipped that panel, and the Meeting Templates policy layer above it, into the Teams calendar Microsoft rebuilt on Outlook's. GA January 2025, no regressions in any environment, in continuous partnership with the Outlook team.
- Built the React and TypeScript front end for Virtual Appointments, the Teams meeting an external guest joins from a browser, against C# and .NET services.

Lockheed Martin Aeronautics | Software Engineer | Oct. 2019 - Nov. 2021

- Built hardware-in-the-loop and full-simulation test software in Python for the F-35 and F-16. On the Automated Test Environment team, parallelized qualification jobs across a pool of machines. Throughput up 50%+.

Personal Projects

- **ThreatForge** (threatforge.dev): An open-source STRIDE threat modeling, Apache-2.0, on Tauri v2, React, and Rust. Analysis runs in a deterministic Rust engine; the model annotates that output rather than producing it. Models are stored as git-diffable YAML. MCP server for agent access.
- **Kinnections** (kinnections.io): SaaS, end-to-end encrypted relationship mapping on Next.js and Supabase. The server holds only ciphertext, so search and graph layout run client-side in Web Workers. Optimized for 500 nodes at ~30ms via culling and memoization; CI-enforced.
- **Estimate my Mortgage** and **Split my Meal**: two iOS apps I shipped via the Apple App Store.
- **shreyassane.com**: My portfolio whose assistant answers from retrieved evidence and drives the interface through validated actions. Filters, tags, and exact lookups resolve without a model call.

Education & Skills

The Pennsylvania State University • B.S. Computer Engineering

Languages: TypeScript, Python, Swift

Frontend: React, Next.js, TanStack Query, Tailwind CSS, React Native

Backend & Data: Node.js, Postgres/Prisma, Supabase, Zod, Docker, CI/CD, monorepos

AI: LLM orchestration, eval harnesses, prompt pipelines, structured output & tool use, MCP servers