

# Snehil Kakani

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Building intelligent systems. Based in San Jose and San Luis Obispo, CA.

## EDUCATION

- **California Polytechnic University, San Luis Obispo** *September 2025 - Present (Expected May 2028)*  
**BS in Computer Science. Merit Scholar. GPA 3.974.**  
Coursework: Data Structures, Systems Programming, Computer Security, Distributed Systems.  
Activities: Theta Tau, CodeBox, Indian Student Association, Hack4Impact.

## EXPERIENCE

- **Software Engineering Intern** *Lindy, Jun 2026 - Present*  
Shipping production infrastructure for Lindy's high-volume AI agent platform. Lead engineer of Routines, enabling agents to act on schedules and real-world events. Built natural-lang CRUD, dry-run previews, proactive triggers, and zero-LLM script routines end-to-end, scaling to a managed catalog with fleet-wide rollout. Integrated into workspace-wide Slack agents, enforcing capability boundaries on shared surfaces.
- **President / Vice President / Head of Frontend** *Lynbrook DevX Club, May 2022 - Jun 2025*  
Led a **50+ member** coding club, directing full-stack project dev and delivering weekly workshops on TypeScript, Next.js, and system design. Expanded scope to member-led passion projects and hackathons.
- **Freelance Website Developer** *Various Organizations, Jun 2021 - Present*  
Built and deployed responsive websites for clients including EuclidLearn, Care for Our Common Home, and STEMist Education, managing full project lifecycle for paid and pro bono engagements.

## PROJECTS

- **Fere: Local Dev Environment Intelligence Platform** *Jan 2026 - Present*  
Developed a desktop dev tooling platform that visualizes local environments. Built AI-powered querying, debugging, and proactive background monitoring with service-scoped context and adaptive suggestions. Won **2nd place (\$10K)** at Cal Poly's Innovation Quest.
- **GU-Net: Diffuse Glioma Segmentation Research** *Jun 2023 - Jul 2023*  
Developed a novel U-Net-based architecture for segmenting diffuse gliomas in medical images under data and processing constraints, achieving **71.58% accuracy**. Applied advanced data augmentation to compensate for limited training data. Presented at UCSB and published in the Journal of Student Research.
- **Impasse: AI-Powered Negotiation Training Platform** *January 2026*  
Engineered a full-stack AI negotiation simulator with agentic opponent, coaching, and analysis agents running concurrently at a 24-hour hackathon. Designed a multi-agent orchestration layer with real-time voice interaction via WebSockets, session analytics, and persistent storage.
- **Orbis: AI Agent Observability Dashboard** *October 2025 - December 2025*  
Built a full-stack observability platform and Python SDK for devs to instrument and track AI agent executions, costs, and performance in real time. Engineered interactive DAG visualizations mapping agent execution graphs, integrated prompt versioning, and built cost analytics across runs.
- **Clearance: Car Repair Shop Agent** *June 2026*  
Engineered a full-stack AI car repair shop agent at a 6-hour hackathon, using Scalekit for per-user identity and permissions and Actian VectorAI DB for job-history retrieval and quote grounding. Won **1st place (\$500)** in the Actian VectorAI DB track.

## RELEVANT SKILLS

- **Programming** · Python, Typescript, Java, Node.js, SQL, React, Next.js, Pytorch, Git, FastAPI, Electron, Tailwind.
- **Technical** · Full-Stack Web Development, Agentic AI Systems, API Design, Machine Learning, Data Structures.