

# Sodbayar Ganbat

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## EDUCATION

### University of California, Berkeley

Berkeley, CA

*Bachelor of Science in Electrical Engineering and Computer Sciences*

*Aug. 2023 – May 2027*

- Relevant Coursework: Data Structures and Algorithms, Discrete Mathematics and Probability, Efficient Algorithms and Intractable Problems, Computer Architecture, Linear Algebra, Agentic AI, Introduction to Machine Learning

## EXPERIENCE

### Accenture

June 2026 – August 2026

*Returning Software Engineer Intern, Data & AI — Internal Platform Team*

*San Francisco, CA*

- Shipped two production-grade MCP servers with 80+ tools, reusable agent skills, and pre/post-execution hooks, letting product owners request data products in natural language for data engineers to review, build, and publish.
- Extended the data-engineering MCP to publish datasets across Databricks/Snowflake, with credential management, copy-and-load pipelines, and SLA-based refresh workflows, cutting platform integration time from weeks to days.
- Built a multi-tier evaluation framework for nondeterministic agent behavior using workflow invariants, live agent session evaluations, and per-tool fuzzing across every MCP tool, catching 15+ critical failures before launch.

*Software Engineer Intern, Data & AI — Client: Meta*

June 2025 – August 2025

- Reduced manual triage workload by 60% by building an AI email-intake system that classified ~200 daily network hardware support emails, filtered ~30% as non-actionable, and routed valid cases to the appropriate workflows.
- Automated 50%+ of case handling through tool-using agent workflows that parsed and summarized vendor updates, generated business-day-aware follow-ups, and wrote verified case notes back to network operations tickets.
- Cut processing latency 4× to ~5 seconds under production load by parallelizing tool execution, LLM-as-a-judge verification, and introducing deterministic workflow orchestration, saving the equivalent of 1–2 engineers per shift.

### Mobile Developers of Berkeley

Aug. 2023 – Present

*President, formerly VP of Projects*

*Berkeley, CA*

- Lead Berkeley's premier mobile tech organization of 60–70 members selected from a 2–3% acceptance rate, overseeing all club operations spanning recruitment, finance, internal culture, and external partnerships
- Directed 4+ contract engineering teams (40+ developers) delivering production-grade iOS, Android, and full-stack web apps for clients ranging from early startups to Fortune 500 companies, amassing \$100k+ in project revenue

### Coded for Humans

July 2024 – April 2025

*Founding Full Stack Engineer*

*Remote*

- Led a 7-person engineering team to build and deploy a TypeScript/React, MongoDB, and AWS platform used by creators with 100M+ combined followers, shipping 3 major features and increasing user engagement by 45%.
- Built an AI-powered content analysis pipeline using Google Vision AI, OpenAI, and FFmpeg to process 500+ weekly creator submissions, reducing end-to-end runtime by 94% from 90 seconds to 5 seconds at scale

## PROJECTS

### Lade AI | Chrome Extension, TypeScript, React, Voice AI

July 2026 – Present

- Built a Chrome extension that embeds a real-time voice AI interviewer into LeetCode, analyzing code as users solve, asking adaptive follow-up questions, and simulating end-to-end technical interviews.
- Designed an agentic evaluation loop that grades technical reasoning, communication, and code quality after each session, converting solo LeetCode practice into repeatable mock interviews and acquiring early paying users.

### Ascend | Swift, Xcode, macOS, Siri Shortcuts, Supabase, Railway, OpenAI

April 2026 – June 2026

- Built and launched a cross-platform voice AI agent for iOS and macOS, combining Siri-triggered mobile commands with a push-to-talk desktop assistant that interpreted on-screen context and executed agentic actions.
- Deployed backend services on Railway and built authentication, user-state, and agent orchestration infrastructure with Supabase, enabling reliable tool execution across mobile, desktop, and third-party applications.

## TECHNICAL SKILLS

**Programming Languages:** Python, JavaScript, TypeScript, Java, C/C++, SQL, HTML/CSS, R, Ruby, Swift, Scheme

**Frameworks & Libraries:** React, Node.js, Express, Flask, FastAPI, Ruby on Rails, TensorFlow, PyTorch, pandas

**Data, Cloud & Tools:** PostgreSQL, MongoDB, Neo4j, Supabase, Databricks, AWS, GCP, Docker, MCP, Git, Cursor