Kinjal Chatterjee

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Education & Certification

Arizona State University — Tempe, AZ
M.S. in Computer Science (Big Data Systems) | GPA: 3.72 — *Expected Dec 2026*
B.S. in Computer Science | GPA: 4.0 — *Graduated May 2025*
AWS Certified Cloud Practitioner — *Expires Aug 2027*

Work Experience

Founding Engineer / Co-Founder — Nov 2025 – June 2026
Navia (AI Startup) | joinnavia.com — *Tempe, AZ*

- Shipped AI-powered features end to end for 500+ pilot users in ASU's GATE program, architecting a fault-tolerant full-stack system in Next.js, React, TypeScript, Node.js, PostgreSQL, and Redis with connection pooling and indexing to keep query latency low
- Engineered a multi-agent AI orchestrator from 0 to 1 using LangChain, LangGraph, RAG, and a Pinecone vector database, powering the personalized agent layer behind every user's task guidance in production
- Shipped features every sprint on a 5-person team by building CI/CD pipelines with Git, Docker, and AWS
- Embedded directly with pilot users to onboard them and set up Navia for their routines, turning the friction points they hit into product fixes and new features and won ASU's Global AI Challenge by pitching Navia to judges

Software Engineer Intern — Aug 2024 – Aug 2025
SeeMe LLC (Life-Coaching AI Startup) — *Phoenix, AZ*

- Built a multithreaded, SOLID-principled MVVM architecture in SwiftUI powering a conversational AI coaching feature that ran a 3B-parameter LLM on-device for private, offline use
- Re-architected 10+ SwiftData models with CloudKit-backed iCloud sync, cutting cross-device restore failures reported in testing to zero
- Built a full-stack dashboard from 0 to 1 in TypeScript, React, and Node.js REST APIs, giving product managers weekly metrics on AI session health to drive product decisions

Teaching Assistant & Grader — Jan 2026 – May 2026
Arizona State University (School of Computing and Augmented Intelligence) — *Tempe, AZ*

- Led office hours and 1-on-1 code reviews for 150+ students in data structures, algorithms, and OOP in C++

Projects

Lore | *Context & Trust AI Engine* | *Top 10% Y Combinator Applications F26* | *Link*

- Engineered a macOS computer-use AI agent via the Model Context Protocol (MCP) to automate multi-step workflows, with a human-in-the-loop approval system with an eval pipeline that scores the agent on real multi-step tasks for success, accuracy, and safe actions, gating every prompt and model change before it shipped

Crises.ai | *AI tool for insurance agents* | *SunHacks MLH 2025 Winner, State Farm Track* | *Link*

- Architected a real-time, event-driven alert platform in React, TypeScript, and MongoDB processing 10K+ alerts a day, enabling State Farm insurance agents to respond to high-risk customer events within seconds

Honors, Awards & Media

- Moeur Award (Highest Academic Distinction), $62K Academic Scholarship Recipient, 8x Dean's List
- 10x hackathon winner with $40K+ in prizes, Arizona AI Challenge Winner ($5K), OpenAI-judged ASU Global AI Challenge Winner ($15K in funding, $5K in Credits)
- **Featured in:** ASU News, LinkedIn Pulse, ASU Spark Center, Navia Podcast, and pitched Navia at the ASU+GSV Summit 2026

Technical Skills

Languages:TypeScript, JavaScript, Swift, SQL, C++, Python, Java, HTML, CSS
AI & Agents: Multi-Agent Systems, Evals, LangChain, LangGraph, RAG, Pinecone, MCP, Claude Code
Full Stack & Databases: React, Next.js, Node.js, SwiftUI, REST APIs, PostgreSQL, Redis, MongoDB, SwiftData
Cloud & Tools: AWS, Azure, Docker, Git, GitHub Actions, CI/CD, Distributed Systems, Microservices