

SOFIA KAKUMANU

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EDUCATION

University of California, Berkeley, Haas School of Business

May 2027

Master of Business Administration, AI Certificate | GMAT Focus Edition: 755 (Q90, V87, DI86, 100th percentile)

- Merit Scholarship recipient; coursework focused on organizational behavior, product management, and finance
- VP of Careers & Alumni, Q@Haas; VP of Marketing, BCC; member of Racial Inclusion Initiative
- Haas Student Ambassador (2026): represent admissions office, lead campus events for new admits, advise prospective students

Manipal Institute of Technology, Manipal, India

Jul 2021

Electronics & Communication Engineering

- Led team to be one of 13 finalists out of 19,000 students in Deloitte Collegiate Cyber Threat Competition 2020
- Co-authored IEEE conference paper (ICECA 2022) on sensor fusion algorithms for autonomous flight tracking

EXPERIENCE

Goldman Sachs, Global Banking & Markets, Bengaluru, India

2021-2025

Owned product and engineering for user-facing platforms powering \$360B in annual deal execution volume across global investment banking; partnered with bankers, compliance, operations, and engineering

Software Engineering Associate (2024-2025), Analyst (2021-2024)

Product & Engineering Delivery

- Cut issue identification time 70% for the global deal execution team by shipping a self-serve data reconciliation tool, scoped and specced after running user research with bankers to find the biggest workflow blocker
- Eliminated \$200M+/year in service disruption losses by building an automated reporting and incident-detection system, designed after digging into root cause data from the prior year's incidents
- Removed an active production security vulnerability worth tens of millions in client and reputational risk by shipping OAuth 2.0 authentication on the deal execution platform, closing an impersonation attack vector
- Delivered \$1M in annual savings and improved reliability for the deal execution platform by architecting a cloud migration from legacy on-prem infrastructure across 10+ services

Cross-Functional Coordination

- Prevented \$700M in blocked APAC deals by driving cross-functional adoption of a new compliance solution, partnering with bankers, ops, and compliance teams to redesign workflows under new regulations
- Aligned 5+ engineering, operations, and compliance teams under a shared platform roadmap by performing a platform gap analysis and authoring product requirements that surfaced shared dependencies
- Won leadership buy-in for a multi-year platform investment by combining platform usage data with user interviews into a cost-benefit case for retiring legacy infrastructure

Leadership & Team Development

- Pitched a sports league to MDs as Social Committee lead; built data-driven proposal, got executive buy-in, hit 95+% participation and global adoption
- Picked as 1 of 2 engineers to run India-wide new hire program; mentored 7 interns at a 100% conversion rate vs. division average

TECHNICAL SKILLS

- **Software Development:** Python, Java, JavaScript, SQL, C++; full-stack prototyping (frontend, backend, data model, auth)
- **AI & Rapid Prototyping:** Lovable, Supabase, GitHub Copilot, Claude, ChatGPT, Gemini, PyTorch
- **Product & UX:** User research, UI/UX design, Requirements docs, Roadmapping, JIRA, Agile/Scrum
- **Data & Analytics:** SQL, Excel (Power Query, VBA), Data modeling, A/B-style comparative analysis, Reporting automation
- **Cloud & Infrastructure:** AWS, Docker, Kubernetes, Snowflake, Elasticsearch, CI/CD, Git

ADDITIONAL

- **Tactical Combat Game Simulator** (2023-Present), *Solo Founder*: Built 0→1 subscription product end-to-end: designed UI/UX, game mechanics, and data model; integrated payments; launched to paying subscribers using Lovable + Supabase
- **Homebrew Media Server**: Self-hosted, publicly-accessible media server with OAuth-based authentication, reverse-proxy setup, and hardened network configuration; running on personal infrastructure for friends and family
- **thrustMIT**, Avionics Engineer (2017-2020): Architected autonomous flight computer for real-time rocket tracking; featured in "India's Young Innovators" by Govt. of India; one of two Indian teams at Spaceport America Cup
- **LGBTQ+ Support Network** (2023-2024): Fundraised \$15k for shelters, led support group for 30+ individuals
- **Interests:** Local LLMs, low-sugar chocolate cake, Person of Interest rewatches, 3D-printing swords, cosplay