

Nidhi Prajapati

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SUMMARY

Computer Science undergraduate (B.S., December 2026) combining hands-on engineering with **cross-functional** leadership. Led a 3-team organization to deliver a **200-participant** hackathon, raised **\$20,000** through a **12-sponsor** network, and shipped software products validated with **data-driven metrics**. Uses **AI tools** (Cursor, Claude) for personal productivity and development. Seeking an **Associate Product Manager** role.

EDUCATION

B.S. in Computer Science | California State University, East Bay

Hayward, CA · Expected Dec 2026

Relevant Coursework: Data Structures, Operating Systems, Machine Learning, Artificial Intelligence, Web Development

LEADERSHIP EXPERIENCE

President | HackHayward — Nonprofit Hackathon

Hayward, CA · 2024 – Present

- Raised \$20,000 in total funding (\$18,000 sponsorship) by cold-pitching and closing a 12-sponsor network including Google, AWS, Amazon, IBM, Perplexity, Cursor, and Red Bull.
- Delivered the event for 200 participants by directing 3 cross-functional teams (technical, marketing, operations) and coordinating 11 judges and 2 keynote speakers.
- Planned and delivered 2 technical sessions from scratch, including a hands-on Google ADK workshop on agent memory and MCP and a VC fireside chat on AI investment trends, scoping topics, sourcing speakers, and running both live.

Vice President, Technical Events | Google Developer Groups on Campus, CSU East Bay

Hayward, CA · Aug 2024 – Present

- Planned 5+ hands-on workshops and speaker events on emerging technologies while running club operations across 2 teams, Technical and Finance.

PROJECTS

Autonomous Resume Reviewer Agent

[GitHub](#)

Python, FastAPI, LangGraph, pgvector, Next.js, TypeScript

- Built a resume-tailoring tool with a 4-node LangGraph pipeline (extract, map, improve, critique) that rewrites bullets against a target job description and surfaces the model's reasoning behind every change.
- Defined and measured quality with a labeled **evaluation** harness, raising hallucination-detection recall from 87% to 100% at a 13% false-positive rate, and cut repeat lookups 125x by caching embeddings in Postgres/pgvector.

SignalOps — Log Observability & Alerting Platform

[GitHub](#)

Python, FastAPI, OpenSearch, Redis Streams, Postgres, Docker, GitHub Actions

- Built alerting with 3 rule types and flap damping over a Postgres incident store, measuring detection latency of 26–126 s with 0 false positives across 1,200 evaluation ticks.
- Load-tested at 1,000,000 documents and re-architected ingestion onto Redis Streams, lifting sustained throughput 4.8x (2,000 to 9,750 logs/sec) and reaching sub-15 ms p95 search.

Multi-Client Banking System

[Live Demo](#)

3-person team · Java, TCP/IP, Multithreading, REST APIs, JUnit, Docker

- Built 16 REST endpoints under role-based access control for 3 separately authenticated user types (Employee, Customer, ATM) on a live deployed platform.
- Worked in a 3-person team, integrating teammates' modules through agreed interfaces and code review; shipped with **27 JUnit tests** and **Docker** for reproducible deploys.

EXPERIENCE

Learning Assistant | CSUEB STEM Lab

Hayward, CA · Jan 2023 – Apr 2024

- Supported professors across 4 semesters by planning in-class learning activities, quizzes, and exercises, and building self-study practice materials.
- Coached 20–50 students per term one-on-one and in small groups, mainly in mathematics, diagnosing where each student was actually stuck.

TECHNICAL SKILLS

Leadership & Collaboration: Cross-functional team leadership, sponsor and speaker coordination, event programming, **technical presentations**, stakeholder communication

Metrics & Evaluation: LLM evaluation harnesses, operational metrics, load testing, alerting, incident tracking

Technical: Python, Java, JavaScript, TypeScript, **SQL**, REST API design, PostgreSQL, React, Next.js, Docker, GitHub Actions CI/CD, Git

AI Tooling: Cursor, Claude, Google Antigravity, LangGraph, LLM APIs, prompt engineering — for personal productivity and development projects