

Asmi Kachare

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EDUCATION

Arizona State University

Tempe, AZ

B.S. in Computer Science, Minor in Business, GPA: 3.92/4.00

Expected May 2027

- **Relevant Coursework:** Data Structures & Algorithms, Operating Systems, Database Management, Software Engineering, Machine Learning, Artificial Intelligence, Data Visualization, Discrete Mathematics, Probability & Statistics, Linear Algebra

EXPERIENCE

Software Engineering Intern

Aug 2025 – Present

Grey-Box — Remote

- Developing **AI-powered multilingual translation systems** using **Python, FastAPI, React**, and **Electron**, improving translation accuracy for underrepresented languages by **30%**.
- Building **NLP-driven comparison modules** to evaluate semantic similarity and contextual correctness across languages.
- Translating **Figma prototypes** into reusable **React components**, enhancing UI consistency and reducing design-to-development time by **25%**.

AI Research Intern

Aug 2025 – Present

Hesperian Health Guides — Remote

- Conducting applied research on the **Safe Pregnancy and Birth App**, improving accessibility features and reducing user drop-off rates by **15%**.
- Transforming **stakeholder feedback and user studies** into structured datasets and technical product specifications.
- Collaborating with developers, designers, and analysts to integrate **AI-powered recommendations** into new product releases.

Full-Stack Developer Intern

June 2023 – July 2023

Onward Technologies Limited — Pune, India

- Developed and optimized **enterprise web applications** using **HTML, CSS**, and **JavaScript**, improving scalability and reducing load times by **50%**.
- Delivered **production-ready front-end solutions** deployed to over **5,000+ daily users**, increasing engagement by **40%**.

PROJECTS

GitHired – CalHacks Winning AI Developer Hiring Platform | React, ChromaDB, Elasticsearch

Oct 2025

- Built an **AI-driven hiring platform** that analyzes real **GitHub activity** to generate developer **hireability scores** using NLP-based code embeddings.
- Developed **backend systems for AI mentoring** and real-time **GitHub job matching** using **Composio MCP** and **Claude APIs**.
- Designed interactive **analytics dashboards** and contribution heatmaps to visualize developer skillsets and authentic project impact.

FinMate Coach – AI Financial Wellness Platform | Next.js, TypeScript, OpenAI API

May 2025

- Developed a personalized **AI finance coach** that analyzes spending habits and delivers adaptive budgeting insights in real time.
- Integrated **OpenAI API** to generate actionable financial recommendations and conversational guidance.
- Designed an interactive dashboard with visual analytics and progress tracking to help users build sustainable money habits.

Swappi – iOS Social Connection App | SwiftUI, Firebase, Perplexity AI

Mar 2025

- Designed and built an **AI-driven social app** for skill and mood-based matching with real-time **Firebase backend**.
- Integrated **Perplexity AI API** to generate personalized recommendations, improving match relevance by **35%**.

TECHNICAL SKILLS

Languages: Python, Java, C/C++, JavaScript (ES6+), SQL, Swift, HTML/CSS

Frameworks & Libraries: React, Node.js, Express, FastAPI, Firebase, MongoDB, MySQL

Tools: Git, Docker, VS Code, Xcode, Postman, Linux/Unix CLI, GitHub Actions

Technical Focus: Full-Stack Development, RESTful APIs, Distributed Systems, AWS Certified AI Practitioner, GCP, CI/CD

LEADERSHIP & ACHIEVEMENTS

Perplexity Campus Partner

Sep 2025 – Present

- Selected as a **campus representative** to promote and integrate **Perplexity AI** tools, driving adoption among student developers.

Vice President, Indian Students' Association

May 2025 – Present

- Led partnerships and event operations for **2000+ students**, increasing engagement in technical and cultural initiatives by **40%**.

Secretary, Women in STEM

Jan 2025 – Present

- Coordinated outreach and mentorship programs to promote **diversity and inclusion in computing**.

Hackathon & Scholarship Achievements

2024 – 2025

- **Winner – WiCS Hackathon (Best Use of Perplexity):** Built an **AI research assistant** leveraging the **Perplexity API** for real-time summarization.
- **CalHacks Winner – Best Use of Composio Tool Router:** Built an **AI-driven hiring platform (GitHired)** that analyzes real GitHub activity for intelligent developer evaluation.
- **GHC – Fulton Experiential Learning Grant Scholar (\$800):** Selected to attend the **Grace Hopper Celebration** for women in computing and innovation.