

AMRITA MALIK

Software Engineering Intern | Full Stack Developer Intern | AI/ML Intern

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[LinkedIn](#) | [GitHub](#) | [Google Cloud Skills Boost](#) | [Credly](#)

EDUCATION

Bachelor of Technology (B.Tech), Computer Science & Engineering

Expected Graduation: 2027

Panipat Institute of Engineering and Technology (PIET)

EXPERIENCE

Intern | AICTE IDEA Lab, PIET

2026 – Present

- Working on real-world software development and innovation projects involving hardware-software integration.
- Exploring emerging technologies through hands-on project development.
- Strengthening practical skills in software engineering and problem solving.

AWS Technical Team Volunteer | AWS Student Community, PIET

2026 – Present

- Contributing to technical workshops and community events.
- Supporting the planning and execution of technology-focused sessions.
- Promoting cloud computing awareness among students.

FEATURED PROJECTS

SignBridge & MudraAI (Research & Prototype)

An AI-powered Indian Sign Language translation system utilizing smart glasses hardware and software. Converts sign language into text and speech, integrating emergency assistance and AI chatbots via MediaPipe, TensorFlow, and FastAPI. Currently drafting a patent and research paper on the system architecture.

MemoryVault (Currently Building)

An AI-powered secure digital vault focused on privacy, encrypted storage, and intelligent document management.

PrepZen (Currently Building)

An AI-powered placement preparation platform designed to help students practice coding, aptitude, interviews, and career skills.

TECHNICAL SKILLS

Languages & Core:	Python, C, JavaScript, Dart, Node.js
Frontend:	React, Flutter, HTML, CSS, Tailwind CSS
Backend & DB:	FastAPI, Firebase, PostgreSQL, npm
AI & Vision:	OpenCV, MediaPipe, TensorFlow
Tools & Tech:	Git, GitHub, VS Code, Figma, REST APIs

ADDITIONAL INFORMATION & CERTIFICATIONS

- **Certifications:** [Google Cloud Skills Boost Profile](#), [Credly Profile](#)
- **Research:** Currently authoring a research paper and drafting a patent for SignBridge assistive technology.
- Passionate about AI, software engineering, and solving real-world problems through technology.