

# Akarsh Jain

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## Experience

### Virtual Intern – Generative AI (Google Cloud), SmartBridge & SmartInternz Nov 2025 – Jan 2026

- Studied Generative AI fundamentals including LLMs, prompt engineering, tokenization, and AI workflows.
- Built hands-on solutions using Google Cloud AI tools focusing on API-based AI integration.
- Explored real-world GenAI use cases including conversational systems and content generation.
- Gained exposure to cloud deployment concepts, scalability, and AI service integration patterns.

### Software Development Intern, Femira (by Meraji), Indore Jan 2026 – Ongoing

- Designed and implemented backend APIs using Python and FastAPI, supporting scalable feature enhancements.
- Worked in SDLC and agile workflows including requirement analysis, sprint-based development, and testing cycles.
- Implemented automation scripts and feature improvements to enhance system efficiency and maintainability.
- Used Git and GitHub for collaboration, issue tracking, and maintaining production-ready codebases.

## Projects

### Project Synapse – AI-Powered Last-Mile Delivery Platform [\[GitHub\]](#) [\[Live\]](#) Aug 2025 – Oct 2025

*Python, React.js, Tailwind CSS, REST APIs, SQLModel, Leaflet.js*

- Designed analytical dashboards using SQL queries to track operational metrics and performance indicators.
- Implemented input validation and structured API request handling to ensure secure and reliable backend communication.
- Performed data analysis using SQL queries to identify trends and business insights.

### Sahayak AI – Intelligent Assistance System [\[GitHub\]](#) Dec 2024 – Jan 2025

*Python, NLP, AI Models, REST APIs*

- Developed an AI-powered assistant using NLP-based conversational workflows for intent detection.
- Implemented contextual response generation for accurate and relevant user interactions.
- Performed API testing and validation to ensure reliable backend performance.

### MEDIBOT – AI-Enabled Teleconsultation System [\[GitHub\]](#) Jul 2024 – Aug 2024

*Python, React.js, Tailwind CSS, AI/NLP concepts, Python, REST APIs*

- Designed a responsive AI-enabled teleconsultation interface to improve healthcare accessibility.
- Implemented symptom-based health assessment workflows using modular UI components.
- Focused on clean UI design, accessibility, and smooth patient interaction flow.

## Technical Skills

**Languages & Frontend:** Python, Java, HTML5, CSS3, JavaScript (ES6+), React.js, Tailwind CSS

**Backend & APIs:** FastAPI, RESTful API Development, API Integration, JSON Handling

**AI / ML:** Generative AI, Prompt Engineering, basic machine learning concepts, data analysis using SQL, root cause analysis, basic statistics, Power BI, Advanced Excel,

**Frameworks & Libraries:** NumPy, Pandas, Matplotlib, Seaborn, Requests, Pydantic, Django, Flask, Virtualenv

**Cloud:** AWS (EC2, S3, IAM), Google Cloud

**Version Control & Collaboration:** MySQL, MongoDB, Git, GitHub branching, pull requests, and code review workflows.

## Education

### Vellore Institute of Technology, Bhopal Oct 2022 – Oct 2026

B.Tech in Computer Science and Engineering (Educational Technology)

CGPA: 7.92

## Certifications

- Introduction to Machine Learning – Kaggle
- Oracle OCI Generative AI Professional – Oracle
- GenAI-Powered Data Analytics Job Simulation – Forage
- AWS Certified Cloud Practitioner – AWS

## Achievements & Activities

- Secured Top 20 position in GrabHack among national-level teams. Participated in SIH, EY National Challenge, Amazon, Myntra, Adobe, and TVS hackathons.
- Served as student coordinator for the TCS campus recruitment process.
- Vice President, Edu4U Club, leading academic initiatives and student engagement.