

Adarsh Jain

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Tech Stack

Languages: Python, Java, JavaScript, HTML5, CSS3, TypeScript

Frameworks & Libraries: React.js, Node.js, Flask, FastAPI, TensorFlow, Django, Express.js, TailwindCSS

Databases & Tools: PostgreSQL, MySQL, Git, GitHub, VS Code, IntelliJ IDEA

AI / ML: Scikit-learn, Pandas, NumPy, Matplotlib, LLM

Cloud: AWS, Google Cloud, Cloud Computing

Experience

Virtual Intern – Generative AI (Google Cloud) [\[Google Cloud Gen AI\]](#)

Nov 2025 – Jan 2026

SmartBridge & SmartInternz

- Learned Generative AI fundamentals including prompt engineering, model behavior, and responsible AI practices using Google Cloud.
- Completed hands-on labs with Google Cloud services such as Vertex AI, understanding model deployment, inference, and AI workflows.
- Applied prompt design techniques and cloud-based AI tools to solve guided real-world use cases in a virtual lab environment.

Software Development Intern

Jan 2026 – Ongoing

Femira (by Meraji), Indore

- Assisted in application development by working on frontend features, debugging issues, testing modules, and supporting basic automation tasks.
- Worked with WordPress to configure and customize plugins, manage content workflows, and support feature enhancements based on business requirements.
- Gained hands-on exposure to backend data handling, API-based data flow, and collaborative SDLC practices using Git and team workflows.

Projects

Project Synapse – AI Powered Delivery Platform

[\[GitHub\]](#) [\[Live\]](#)

Aug 2025 – Oct 2025

React.js, Tailwind CSS, FastAPI, REST APIs, SQLAlchemy, Leaflet.js

- Designed and developed a full-stack, role-based last-mile delivery platform with separate Customer and Rider dashboards, focusing on scalability, usability, and real-world delivery workflows.
- Built responsive and reusable frontend components using React.js and TailwindCSS, ensuring smooth navigation, consistent UI, and optimized user experience across different roles.
- Integrated Redux for centralized state management and REST APIs for order lifecycle handling, real-time delivery tracking, and map-based location visualization using Leaflet.js.

Unmanned Vehicle for Mine Exploration and Analysis

Aug 2024 – Dec 2024

Python, Machine Learning, Computer Vision, LiDAR, Sensor Fusion, Data Analysis

- Developed an AI-enabled unmanned vehicle system for autonomous mine exploration, integrating multi-sensor data to analyze underground environments and improve operational safety.
- Implemented sensor fusion techniques using LiDAR, infrared, ultrasonic, RGB, stereo cameras, and UWB radar to generate accurate 3D mine models and detect obstacles in low-visibility conditions.
- Applied machine learning and statistical analysis techniques for environmental monitoring, ore detection, and anomaly identification using Python-based data pipelines.
- Enhanced system reliability by combining real-time sensor data with AI-driven insights, reducing false detections and improving decision-making for safe and efficient mining operations.

Achievements

- **AWS Certified Cloud Practitioner** [\[AWS\]](#)
- **Oracle OCI Generative AI Professional** [\[ORACLE\]](#)
- Introduction to Machine Learning(Kaggle) [\[Introduction To Machine Learning\]](#)
- Aws Solutions Architecture Simulations [\[FORAGE\]](#)
- AI Fundamentals (ASCEND) [\[ACCENTURE\]](#)

Leadership & Responsibilities

- **General Secretary – Edu4U Club, VIT Bhopal** [\[G.S\]](#) (Feb 2024 – May 2025)
Led and coordinated 50+ members while organizing multiple technical and academic events.
- **Student Coordinator – TCS Mass Recruitment Process** (Jan 2026)
Assisted in candidate coordination and gained exposure to interviewer expectations and hiring evaluation workflows.
- **Runner-Up – Industry Conclave Project Expo, VIT Bhopal** for a Machine Learning-based project.
- **20th Position – GrabHack (Unstop)**, competing at a national level among multiple teams.
- **Final Round Qualifier – Adobe Hackathon**, selected after multiple evaluation rounds.
- **Shortlisted Team – Amazon Hackathon**, recognized for problem-solving and solution design.

Education

B.Tech in Computer Science and Engineering (Cloud Computing & Automation)

2022 – 2026

Vellore Institute of Technology

CGPA: 7.84