

AVI MATHUR

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Education

Rajasthan Technical University

B.Tech - Computer Science & Engineering (AI) — CGPA: 8.0/10

2023 – 2027

Jaipur, Rajasthan

Technical Skills

Languages: Python, C++, SQL

AI/ML: TensorFlow, Pandas, NumPy, LangChain

Web: React.js, Next.js, Node.js

Cloud & Tools: Oracle Cloud (OCI), Git/GitHub, Salesforce CRM, Jupyter, VS Code

Exploring: Agentic AI, MCP Servers, RAG Systems, Vector Databases, Kubernetes

Experience

GMTA Software Solutions Pvt. Ltd.

June 2025 – July 2025

AI/ML Intern

Jaipur, Rajasthan

- Developed ML models for predictive analytics, improving accuracy by 30% through feature engineering and optimization.
- Built preprocessing pipelines processing 50,000+ records using Pandas and NumPy for model training.
- Implemented AI solutions integrating LangChain and OpenAI APIs for intelligent automation in production.

Raptbot Technologies

July 2024 – Aug 2024

Salesforce Developer Intern

Remote

- Architected Salesforce objects with automated workflows, reducing manual processing by 40% for 500+ transactions.
- Built Hotel Management System with real-time billing and loyalty rewards, optimizing SOQL queries by 35%.

Projects

ExpenseHub - Enterprise Expense Management | React, TypeScript, PostgreSQL, Prisma

2025

- Built enterprise expense system with RBAC, multi-currency support, and sequential approval workflows.
- Developed PostgreSQL backend serving 500+ users, reducing approval time by 45%.

AI-Powered Web Scraper | Python, Selenium, LangChain, OpenAI API

2025

- Developed LLM-driven scraping system achieving 85% success on protected sites.
- Architected scalable backend handling 1,000+ concurrent tasks with rate limiting and proxy rotation.

InsureDash - AI Insurance Platform | React.js, Node.js, Python | SBI Life Hackathon

2024

- Engineered AI recommendation engine analyzing 100+ insurance products with ML-powered insights.

Certifications & Achievements

Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate — Oct 2025

NPTEL German Language Certification - Level I — Jan – Apr 2025

Hackathon Leadership: Led teams in 2 major national hackathons (SBI Life, Hacknove).

Open Source: Active GitHub contributor with 5+ production-grade AI/ML and full-stack projects.