Mudit Mehta

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EXPERIENCE

Project Intern

Wipro Limited   June 2024 - August 2024, Bengaluru, India

- Helped develop a Python-based AI recommendation agent using LangChain and Azure vector databases, supporting 50+ proprietary software products.
- Improved search accuracy by 30% by implementing vector embedding techniques.
- Built and maintained a Flask web interface, enabling over 200 users to interact with the recommendation system.
- Worked with a team of 2 developers to deploy and monitor the installation agent, ensuring 99% uptime.

Intern

HP (India Sales Pvt. Ltd.)   June 2023 - August 2023, Gurugram, India

- Researched AI tools to improve customer tracking and store analytics for 700+ HP World stores.
- Visited 2 store and spoke with 4+ managers to understand their needs and challenges.
- Contacted 6+ AI companies to learn about their technology and shared own suggestions.
- Helped create a plan to use AI systems aimed at increasing customer engagement and better store layouts.

Web Developer

Swar Kala Sangam (Performing Arts Pvt. Ltd.)   November 2021 - July 2022, Gurugram, India

- Resolved 30+ backend support queries to keep the web application running smoothly.
- Deployed and maintained the web app on AWS, ensuring 99% uptime.
- Monitored server performance and fixed issues to reduce downtime by 20%.
- Assisted with regular updates and security checks.

Discord Bot Developer

Freelance   June 2020 - May 2021, Gurugram, India

- Developed 7+ custom Discord bots tailored to client needs using Python and Discord.py.
- Built 2+ machine learning-based bots using TensorFlow, Keras, and NLTK for advanced functionality.
- Created dynamic visual content in 3+ bots using the Pillow library.
- Delivered reliable and efficient bots by integrating low-level libraries and optimizing performance.

PROJECT

Software Installation Agent

Wipro Limited

- Designed and implemented a semantic search tool in Python using LangChain, Azure Cognitive Search, and vector embeddings, indexing over 50+ internal softwares.
- Contibuted to vector embedding workflows that improved query relevance and result accuracy by 25%.
- Built a Flask-based front-end and integrated API endpoints, tested and validated with 25+ Postman test cases.
- Resolved 75% data parsing and API communication issues to ensure reliable and efficient system operation.

EDUCATION

Bachelor of Technology Computer Science & Engineering

Minor in Bioinformatics • Amity School of Engineering & Technology, Amity University • Jaipur, India • Graduation Year: 2026

CERTIFICATIONS

Salesforce Certified AI Associate

Salesforce • Jan 2025

- Gained knowledge of basic AI concepts and how they apply to Salesforce tools and processes.
- Learned about responsible data use and how AI features support everyday tasks within the Salesforce platform.

SKILLS

Languages: Python, Golang

Libraries: LangChain, TensorFlow, Flask, Gin

API: LiveKit, Discord.py