

Shubham Mahind

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Profile Summary

Aspiring AI Agent Developer skilled in Python, LLMs, AWS, and FastAPI. Passionate about building multi-agent AI systems, automating workflows, and leveraging generative AI for intelligent applications.

Education

Class X

Yashwant High School, Karad

June 2018 – March 2019

Percentage: 94.40%

Class XII (Science)

Rajiv Gandhi Academy of E-Learning School & Science Junior College, Pune

May 2020 – March 2021

Percentage: 88.67%

B.Tech, Computer Science Engineering

Vellore Institute Of Technology, Bhopal

June 2021 – July 2025

CGPA: 8.05 / 10

Technical Skills

- **Languages:** Python (FastAPI), SQL
- **Databases:** MySQL
- **Technologies:** AI-ML, Generative AI (OpenAI, HuggingFace), LLMops
- **Cloud Platforms:** AWS
- **Other Tools:** Power-BI, Streamlit
- **Frameworks:** TensorFlow, Scikit-learn, PyTorch

Internship Experience

AI Developer

Infosys Springboard

October 2024 – December 2024

Virtual Internship powered by Infosys

- Developed a mental health conversational agent using NLP pipelines, FastAPI, and real-time data analysis.
- Designed autonomous response flows to simulate agentic reasoning, improving engagement and user satisfaction.

Python Developer

Main Flow Technologies Pvt Ltd.

July 2024 – September 2024

Virtual Internship powered by AICTE

- Created a robust Python web scraping tool to aggregate and structure real-time market data for analysis.
- Automated data ingestion pipelines using AWS Lambda functions and optimized data delivery into databases.

Academic Projects

AI Virtual Mouse

July 2022 – October 2022

- Built a gesture-controlled virtual mouse integrating computer vision, enhancing hands-free computer interaction.
- Applied advanced EDA techniques to optimize feature recognition and movement detection.

AI-Powered Music Plugin (MelodyMind)

December 2024 – April 2025

- Developed a Chrome extension for real-time YouTube music recommendations powered by TensorFlow models.
- Integrated speech recognition, playlist management, and FastAPI-based backend for seamless UX.

Text-to-Image Generation (Mini-Project)

February 2025

- Developed a text-to-image generation system using deep learning techniques to convert natural language prompts into corresponding images.
- Built the pipeline leveraging Python, TensorFlow, and pre-trained models to enable effective vision-language mapping.
- Implemented a user-friendly interface for prompt input and dynamic image generation, enhancing model usability and performance visualization.

Certifications

- Microsoft Azure Administrator Associate
- AWS Certified Cloud Practitioner
- Artificial Intelligence Primer, Infosys Springboard
- Principles of Generative AI, Infosys Springboard

November 2023

January 2024

August 2024

August 2024

Co-curricular Activities

Coding: Active practice on LeetCode and GeeksforGeeks with Python; strong command over data structures, algorithms, and real-world problem-solving.

Extracurricular Activities & Achievements

Achievements:

- Consistently achieved optimization in coding problems and implemented efficient algorithms.
- Semi-finalist, Intra-School Badminton Competition, demonstrating tactical excellence and stamina.

Extracurricular:

- Designed a quarterly club newsletter distributed to 100+ members, increasing event engagement.