

Yash Gupta

+91 9999284198 | yashgupta.tech@gmail.com | [linkedin.com/in/yashguptatech](https://www.linkedin.com/in/yashguptatech) | github.com/yashguptatech

SUMMARY

AI and Machine Learning enthusiast with a solid Software Engineering foundation, skilled in developing scalable AI/ML solutions, deploying web applications, and leveraging expertise in Data Structures, Algorithms, and MLOps practices.

EDUCATION

Manav Rachna International Institute of Research and Studies

Bachelor of Tech. in Computer Science

Faridabad, HR

Aug. 2021 – May 2025

EXPERIENCE

Software Engineer

Shoora Technologies

July 2022 – Present

Dubai, UAE (remote)

- Engineered AI/ML based driver monitoring systems, including detection via face recognition, reducing fatal accidents by over 50 percent.
- Designed scalable microservice architecture for fleet management and tested IoT devices for trip tracking, ignition triggers, and telemetric data analysis using simulation techniques
- Utilized Django, React.js, AWS, Jenkins, CI/CD, and Docker to build and deploy web application.

Project Management Intern

Shoora Technologies

July 2022 – Present

Dubai, UAE (remote)

- Contribute to successful projects, serving prestigious clients including ATGL (Adani Total Gas Limited) and Amazon in India for their fleet management solutions.
- Help monitor the performance of AI/ML models in real-world scenarios, collect feedback, and propose improvements.
- Support project planning, timelines, and resource allocation for AI/ML projects while understanding scope and requirements.

QA Engineer

Josera

April 2022 – Dec. 2022

Germany, DE (remote)

- Created and maintained comprehensive test documentation, including test plans, cases, and scripts, covering various use cases.
- Collaborated closely with the development team to understand software requirements, review designs, and provide early feedback for defect prevention.
- Leveraged Python Selenium automated bot to automate user creation and data entry processes, streamlining testing efficiency.[View Project]

PROJECTS

Facial Expression Recognition | *Python, TensorFlow, Keras, Pandas, NumPy CNN, Jupyter Notebook.* July 2023

- Built a Convolutional Neural Network (CNN) model using TensorFlow and Keras to classify images as "happy" or "sad."

CNN Image Classifier | *Keras, Convolutional Neural Network (CNN), Docker, AWS, GitHub Actions.* June 2023

- Implemented a Convolutional Neural Network (CNN) based image classifier to classify images into cats and dogs using Python, TensorFlow, and Keras.

Face Recognition Application | *Python, OpenCV, face recognition, NumPy, Pandas*

Feb. 2023

- The script identifies individuals in real-time by comparing detected faces with pre-processed encodings from a directory of training images, displaying their names and retrieving additional information from a CSV file..

TECHNICAL SKILLS

Languages: Python, C++, C, Matlab, BASH, JAVA, YML, LaTeX

Area of Interest: AI, Machine Learning, Deep Learning, Data Science, MLOps

Databases: MySQL, MongoDB

Technologies: Neural Networks, Numpy, Pandas, Polars, Git, TensorFlow, PyTorch, Keras, Computer Vision, Django, scikit-learn, mlflow, Advance Excel