MAIHAR SHRIVASTAVA

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Bhopal, Madhya Pradesh
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EDUCATION

Bachelor of Technology in Artificial Intelligence and Machine Learning
Madhav Institute of Technology and Science, Gwalior

Expected 2025
CGPA: 7.64

Senior Secondary (12th PCM)
Delhi Public School, Bhopal

2021
Percentage: 85.8%

Secondary (10th)
Delhi Public School, Kolar Road, Bhopal

2019
Percentage: 84.6%

SKILLS

Programming Languages	Python, C++, JavaScript, SQL
Frameworks and Libraries	Flask, Streamlit, Langchain, LangGraph ReactJs, Next.js, Node.js, Express.js
Databases	MySQL, MongoDB, Redis
Core Subjects	Data Structures, Algorithms, OOP, Database Management, Operating Systems
Machine Learning	Deep Learning, NLP, Data Analytics, OpenCV, GenAI
	RAG, LLM, TensorFlow, Keras, Huggingface

EXPERIENCE

Python Developer
Kairosoft AI Solutions Limited (website)

Jan 2025 – Present
Remote

- Developed and fine-tuned Mistral-7B and LLaMA-12B models using Unsloth, optimizing chatbot performance both online and offline.
- Implemented web scraping for real-time data retrieval, deployed AI solutions on Digital Ocean using a Docker-based pipeline, and integrated AI models with Volkai.io for enhanced chatbot automation.

Full stack AI Intern
Frint (website)

Aug 2024 – October 2024
Remote

- Developed and deployed ATS (Applicant Tracking System) features using FAST API
- Worked on integration OpenAI LLM with FastAPI.

Machine Learning Intern
State IT Center (website)

May 2024 – July 2024
Bhopal, India

- Optimized machine learning models for real-time performance in facial recognition systems.
- Implemented face detection and recognition pipelines using OpenCV and deep learning architectures like MobileNet, GoogleNet, and Inception-ResNet.

Full Stack Developer
Singlebit (website)

June 2023 - Nov 2023
Pune, India

- Built and deployed full-stack web applications using the MERN stack (MongoDB, Express.js, React.js, Node.js).
- Implemented RESTful APIs to enhance functionality and efficiency.

PROJECTS

- **IRCTC chatbot** (prototype)
  Integrated natural language understanding (NLU) and response generation using LLMs for improved accuracy and contextual responses using muliple agents.

- **PayTM Clone** (GitHub)
  Built with the MERN stack to implement features like user authentication, payment processing, and transaction history.

- **Face Recognition System** (GitHub)
  Developed using Inception ResNet. Achieved high accuracy and real-time performance.

- **Cover Letter Generator** (GitHub)
  Created a tool to generate customized cover letters using NLP techniques to personalize letters based on user input.

CERTIFICATES AND ACHIEVEMENTS

- Data Analytics with Python   (2024) - NPTEL (Silver + Elite)
- Postman API Fundamentals Student Expert   (2024)
- OpenAI ChatGPT Predictions: Integrations, Competitors, and Impacts   (2024) - Great Learning