

DIVYA SINGH

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PROFESSIONAL SUMMARY

Motivated and detail-oriented Artificial Intelligence and Data Science (AIDS) engineering student with a strong foundation in machine learning, data analytics, and programming. Proficient in Python, R, SQL, and modern AI tools and libraries such as TensorFlow, Scikit-learn, and Pandas. Experienced in developing data-driven models, conducting exploratory data analysis, and implementing AI solutions through academic projects and internships.

EDUCATION

VIVEKANAND EDUCATION SOCIETY INSTITUTE OF TECHNOLOGY

NOV 2022-MAY 2026

Bachelor of Engineering in Artificial intelligence and data science

Related Coursework: Database Systems, Computer Science, Machine learning , SQL, Operating systems, Deep Learning ,Cloud computing

CGPA: 7.33

PROFESSIONAL EXPERIENCE

ZENTRIXEL

JUNE 2025 - SEPT 2025

AI AND AUTOMATION BACKEND DEVELOPMENT INTERN

- Working on real-world AI projects focused on building backend platforms for the organization using Fast API, Retrieval-Augmented Generation (RAG), and Large Language Models (LLMs).
- Contributing to designing scalable APIs, integrating intelligent automation, and implementing advanced AI workflows to enhance platform functionality and efficiency

TECHASIA MECHATRONICS

APRIL 2024-JUNE 2024

WEB DEVELOPER INTERN

- Collaborated with a team as a web developer to redesign and develop the company's website using the MERN stack, resulting in improved performance, modern UI, and a responsive user experience across devices.

PROJECTS

Multimodal AI Teaching Assistant with Agentic AI Framework

Designed and developed an intelligent tutoring system leveraging multimodal inputs (text, voice, documents) combined with a modular multi-agent architecture. Integrated LLM-based reasoning, response generation, and task-specific agents for adaptive content delivery, query resolution, and personalized learning assistance.

Whatsappbot

Whatsapp chat app made using twilio and fastapi the messages can be scheduled and send on the desired timing and it is quite beneficial for replicas based and further enhancement could also be done on various factor

ScholarAI – Verification-Aware Multi-Agent GenAI System

Designed and deployed a multi-agent GenAI research assistant with planning, retrieval, verification, and synthesis stages to reduce hallucinations and explicitly communicate answer reliability using Streamlit and Gemini API in python

FraudGuard – Credit Card Fraud Detection System

FraudGuard is a machine learning–based system designed in python to identify fraudulent credit card transactions in real time. It analyzes transaction patterns, handles highly imbalanced data, and flags high-risk transactions to reduce financial losses.

SKILLS

Programming Language: C ,Python ,Java, SQL

Tools and technologies: Tensorflow, Machine Learning, OOPS, Cloud computing, Django

Data Analysis & Visualization– Pandas, NumPy, Matplotlib, Scikit-learn,

Soft Skills – Communication, Team Collaboration, Public Speaking

CERTIFICATIONS

Machine learning -By google cloud

AWS- By AWS academy cloud foundations

Image processing On ramp -Mathswork training services