AMAN PRATAP SINGH

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OBJECTIVE

Computer Engineer student with a passion for programming and innovative problem-solving with a strong foundation in Data Analytics, Machine and Deep Learning and Experience in Web Development . Seeking to leverage my technical skills to contribute to a dynamic team, gain experience and continuously develop skills in software development, web development, data analysis and machine learning.

SKILLS

Languages: Python, HTML5, CSS3, JavaScript, C
Technologies: Flask, StreamLit, TensorFlow, Machine Learning, Image processing, ExpressJS, ReactJS, NodeJS
Databases: SQL Server, MySQL, SQLite, MongoDB
Cloud Services: Robflow, Github, Postman, Render
Tools: Visual Studio, Git, Jupyter Notebook
Soft-Skills: Problem-Solving, Critical Thinking, Adaptability, Attention to details

PROJECTS

Fruits and Vegetable Identifier
- Developed using TensorFlow and MobileNetV2 deployed via StreamLit.
- Implemented optimized backend logic for real-time image analysis and cloud storage.

Scientific calculator Web page
- Developed using JavaScript, HTML5, and CSS3.
- Emphasized clean UI/UX and mathematical precision.

Song Recommendation Application
- Created using Python and advanced ML techniques.
- Employed efficient backend logic for real-time playlist generation.

Heart-Disease Prediction Model
- Managed data preprocessing and trained classifiers using Jupyter and SQL-based data sources.
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TRAINING

Full Stack Development With MERN, Internshala (Aug'25 - Ongoing)

- Web Development Using JavaScript Libraries (Express, React, Node) and NoSQL With MongoDB

Artificial Intelligence and Machine Learning, Corizo (July'24 - Sept'24)

- Focused on ML algorithms, neural networks, image processing, and cloud deployment.

Data Science, TCA (Aug'23 - Sept'23)

- Trained on MySQL, model building, and deploying data-driven applications.

Python, UCER (Aug'22 - Sept'22)
- Core programming and practical problem-solving using Python.

EDUCATION

Bachelor of Technology in Computer Science and Engineering with Artificial Intelligence and Machine Learning
United College of Engineering and Research, Prayagraj Sept'21 – May'25 | 55.8 %
Intermediate Schooling
Happy Model School Paharia, Varanasi 2020-21 | 74.2%
High Schooling
Sunbeam School Varuna, Varanasi 2018-19 | 75.8%