

DEV MAHESH BATTA

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Summary

Software Engineering student with hands-on experience in Python, TensorFlow, and modern machine learning libraries. Proven ability to build and deploy scalable AI-based web applications. Interested in applied AI research to develop impactful, real-world solutions.

Core Skills

Technical Areas: Machine Learning ,Deep Learning , Programming for Problem Solving ,Object Oriented Programming,Data Structures Algorithm,Operating System,Design and Analysis of Algorithms,Computer Organization And Architecture

Programming Language: C,C++,Python,HTML,CSS

Database Management: MYSQL ,Mongo db

Libraries Frameworks: Pandas ,Numpy,PyTorch

Tools Platforms: Git,Jupyter Notebooks,Google Colab

Education

DAV Institute Of Engineering and Technology, Jalandhar

Aug. 2022 – Present

Bachelor of Technology in Computer Science

CGPA- 7.80

Police D.A.V Public School, Ludhiana

Apr 2021– Jul 2022

Class XII- (Senior Secondary Examination)

CBSE- Percentage- 86.20%

Projects

Doctor Consultation Web Application | Python, Flask, MongoDB

- Developed a real-time doctor's consultancy platform using Python, Flask, and MongoDB, facilitating over 100 patient-doctor interactions per month and automating appointment scheduling, reducing manual errors by 80%. Integrated a real-time chat feature, enhancing communication efficiency and cutting consultation delays by 30%.
- Implemented secure storage for over 40% patient records and consultation histories using MongoDB, ensuring data integrity and scalability. Achieved 99.9% uptime for database access, while enhancing data security by encrypting sensitive information, complying with HIPAA standards, and supporting growth with seamless scaling.
- Optimized backend processes, resulting in a **15% reduction in booking time** and seamless user experience.

Personal Portfolio Website | HTML, CSS

- Created a responsive portfolio website to showcase projects, skills, and achievements, optimizing for both desktop and mobile devices. Increased online visibility, leading to a 30% boost in professional inquiries, while improving user experience through intuitive navigation and fast loading times.
- Integrated a contact form into the portfolio website, enabling real-time visitor inquiries. This feature improved communication efficiency and led to a 20% increase in professional engagement through direct outreach.
- Utilized HTML and CSS to design a seamless, visually appealing website with responsive layouts, ensuring a consistent user experience across all devices. Enhanced website performance with optimized styling, reducing page load times by 25%.

Certification/Badges

• *Machine Learning Specialization* ↗

Completed the Coursera Machine learning specialization consisting of following 3 courses:

1. Supervised Machine Learning: Regression and Classification

2. Advanced Learning Algorithms

3. Unsupervised Learning, Recommenders, Reinforcement Learning

• *HackerRank Python(Basics)* ↗

• *HackerRank SQL(Basics)* ↗

• 100 Day Leet code Badge