DEV MAHESH BATTA

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Summary

A highly motivated engineer with strong skills in Software Engineering and a solid understanding of AI. Skilled in Python, TensorFlow, and state of the art Machine learning libraries. Passionate about applied AI research to solve real-world problems.

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,Jupiter Notebooks,Google Colab

Education

DAV Institute Of Engineering and Technology, Jalandhar

Bachelor of Technology in Computer Science

Aug. 2022 – Present CGPA- 7.80

Police D.A.V Public School, Ludhiana

Class XII- (Senior Secondary Examination)

Apr 2021– Jul 2022 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)

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- HackerRank SQL(Basics)
- 100 Day Leet code Badge