Mayank Mehta

Pithoragarh, Uttarakhand, India

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Education

Graphic Era Hill University **Aug. 2022 – June 2026**
Bachelor of Technology in Computer Science, Average SGPA 8.2 *Bhimtal, Uttarakhand*

Himalaya Inter College **Till - 2022**
Intermediate - 78.2 percentage, Matriculation - 91.2 percentage *Chaukori, Uttarakhand*

Projects

Fake News Detection | *Python , Machine Learning* **November 2025**

- Engineered a machine learning-based fake news detection system to classify news articles as real or fake.
- Architected a feature extraction pipeline utilizing TF-IDF and Count Vectorization for precise text representation.
- Automated data preprocessing using NLP techniques like tokenization, stopword removal, and stemming.
- Trained, validated, and optimized machine learning models, including Logistic Regression, Decision Trees, and Random Forest, for accurate classification.
- Evaluated and debugged model performance using precision, recall, F1-score, and a confusion matrix, ensuring high accuracy and reliability.

E-Commerce Platform | *MongoDB, React, Node.js* **November 2024**

- Designed and engineered a full-stack e-commerce web application with secure user authentication and role-based access control.
- Developed and standardized a dynamic, responsive UI using React.js with real-time product listing and filtering.
- Assembled and optimized database queries while implementing caching mechanisms to enhance performance.
- Overhauled and automated an admin dashboard for product management, order tracking, and user analytics.

Currency Converter | *HTML, CSS and JavaScript* **November 2023**

- Conceptualized and developed a real-time currency converter with API integration for accurate exchange rates.
- Customized and tested a user-friendly UI to enable seamless currency conversion.
- Implemented and debugged input validation and error handling to prevent incorrect conversions.
- Optimized API requests and strengthened UI performance for a smooth user experience.

Technical Skills

Languages: C++,Python, Java, C, HTML/CSS, JavaScript, SQL, React
Developer Tools: VS Code, DEV C/C++, PyCharm
Technologies/Frameworks: Windows,Ubuntu, GitHub

Relevant Coursework

- Data Structures
- Algorithms Analysis
- Database Management
- Artificial Intelligence
- OOP Programming
- Machine Learning

Certification

Web Development Boot Camp, Udemy
Software Engineering skills assessment, JPMORGAN CHASE
Machine Learning : Python, Online Course
Career Essentials in Generative AI by Microsoft
AWS Cloud Practitioner Essentials

Achievements

- Completed 5+ real-world software projects, including ML classification systems and full-stack MERN applications.
- Designed and deployed a personal portfolio website demonstrating technical capabilities.
- Enhanced ML model performance through optimized preprocessing, feature selection, and model tuning.
- Contributed to campus initiatives through event coordination and community engagement.