Yash Pramod Mhatre

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Summary

Enthusiastic Computer Science Engineering graduate with a passion for front-end development. Proficient in HTML, CSS, and JavaScript, with a keen interest in exploring advanced concepts in React. Skilled in both Java and Python, leveraging these languages to tackle complex problems with creativity and precision. Known for meticulous attention to detail, ensuring the delivery of high-quality work within tight deadlines. Eager to embark on an entry-level opportunity to apply and expand technical skills while actively contributing to a dynamic and innovative team environment..

Education

MIT-ADT University Pune   **Sep. 2021 – July 2025**
Bachelor of Technology in Computer Science   *Pune,Maharashtra*

Relevant Coursework

- Data Structures
- Software Methodology
- Cloud Foundations
- Database Management
- Artificial Intelligence
- Internet of Technology
- Operating Systems
- Computer Networks

Technical Skills

Languages: Java, HTML, JavaScript, SQL ,Python
Developer Tools: VS Code, IntelliJ, Google Cloud Platform , Git, GitHub.
Libraries And Frameworks: Node.Js, React.Js , Spring, Springboot, TailWind CSS , Pandas, Numpy GitHub
Design Tools: Canva , Figma ,Adobe XD.
Operating Systems: Windows, Linux.

Work Experience

Eduskills AICTE   **April 2023 – August 2023**
ML Intern   *Remote*

- Built and structured multiple ML models and deployed them using AWS services such as SageMaker and EC2.
- Gained hands-on experience in managing AI/ML workflows within the AWS environment.
- Worked on model training, tuning, and deployment pipelines using AWS tools.
- Learned core concepts of ML and cloud-based model management.

Projects

Cropify-A Farmers Webapp using Mern Stack | *Mern Stack, Machine Learning ,Python*   **November 2024**

- Created a farmers' e-commerce platform where farmers can add and update products for customers to buy.
- Integrated features such as user authentication, payment gateway, and dynamic product listing for an improved user interface.
- Integrated machine learning models for crop and price prediction, assisting farmers in optimizing product prices and predicting crop yields.
- Analysis of the most purchased product is implemented.

Smart E-mail Assistant | *Java, Springboot,Spring AI*   **February 2025**

- Developed an AI-powered email assistant using Spring Boot and Spring AI.
- Integrated Gemini API using Postman.
- Ensured secure and scalable deployment with Spring Security and cloud integration and Deployed the project in the form of extension

Brain Tumor Detection using 3D Segmentation | *Deep Learning, Neural Networks,Plotly*   **May 2025**

- Developed a 3D U-Net deep learning model for accurate brain tumor segmentation using BraTS 2020 MRI data.
- Achieved high Dice coefficient scores by optimizing preprocessing and using Generalized Dice Loss.
- Integrated tumor volume estimation and automatic tumor type classification features along with tumor length.

Certifications

AWS Academy Cloud Foundations   May 2024
Amazon Web Services (AWS)

AWS Academy Machine Learning Specialization   Feb 2024
Amazon Web Services (AWS)

MicroSoft Certified Power BI   May 2025
MicroSoft

Google Data Analytics   May 2023
Coursera)