

JATIN KUSHWAHA

Ashta , Madhya Pradesh

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LinkedIn

Github

EDUCATION

Vellore Institute of Technology, Bhopal

Int M.Tech CSE (Spec. Computational and Data Science) **CGPA - 8.54**

September 2021 - Present

Bhopal, Madhya Pradesh

Holy Angels Higher Sec.School (M.P.)

HSC MPBSE - **Percentage - 88.6%**

April 2020 - June 2021

Ashta, Madhya Pradesh

Angels Public High School (M.P.)

SSLC MPBSE - **Percentage - 85.4%**

April 2018 - May 2019

Ashta, Madhya Pradesh

WORK EXPERIENCE

Quintus Tech Pvt.Ltd

Web developer Intern

Oct 2024 – Nov 2024

- Built and optimized a full-stack e-commerce website using HTML, CSS, JavaScript, Java, and RESTful APIs. Implemented secure login/signup authentication and dynamic product management features.
- Enhanced performance, user experience, and scalability by integrating third-party APIs and designing a modular backend architecture.

PROJECTS

Fresh vs Rotten Fruit Detection using CNN

Aug 2023

- Developed a CNN-based model to classify apples, bananas, and oranges as fresh or rotten using a Kaggle dataset (**13.5k images**). Achieved **98.79 accuracy**, with strong precision and recall scores.
- Applied preprocessing, augmentation, and dropout techniques to enhance model robustness, prevent overfitting.
- Technologies: Python, TensorFlow, Keras, OpenCV, NumPy, Matplotlib.

Brain Tumor Detection Using Hybrid Logistic Regression with MRI Images

Nov 2024

- Built a binary classifier using **3,000 MRI images**, applying preprocessing (noise reduction, normalization, augmentation) and evaluating seven ML models for **brain tumor detection**.
- Extracted texture, shape, and intensity features using GLCM and histograms, achieving 96 accuracy with Logistic Regression and Random Forest; evaluated via F1-score, AUC, and confusion matrix.
- Technologies: Python, Scikit-learn, Image Processing, Machine Learning.

TECHNICAL SKILLS

Languages: Java, Python, HTML, CSS, JavaScript(Basic).

Machine Learning: Regression Models, Classification Models, Clustering, Scikit-learn.

Data Analytics, Visualization: SQL, Tableau, Power BI, Matplotlib, Seaborn, Pandas, NumPy.

Version Control: Git, GitHub.

CERTIFICATIONS

- Oracle Cloud Infrastructure 2024 Generative AI Certified Professional
- Kaggle SQL
- Coursera Applied ML in Python
- Career Essentials in Data Analysis by Microsoft ,LinkedIn.
- Microsoft Copilot for Productivity by LinkedIn.
- Solutions Architecture Job Simulation.

EXTRACURRICULAR AND ACHIEVEMENTS

- Participated in Gssoc'24 open source platform, **secured 165th rank** during **Open source contribution**.
- LeetCode: Solved **500+ problems**, **Global Rank - 43,402**, achieving a rating of 1500, GeeksforGeeks: Solved **200+ problems** **Institutional rank under 50**.
- Winners of **Aahvaan Cricket competition** VIT Bhopal.
- Core Member at VIT Bhopal's **Data Science Club**

ADDITIONAL INFORMATION

Languages: Hindi (Native), English (Proficient).

Hobbies: Travelling, Coding, Cricket