Jatin Kushwaha

Ashta , Madhya Pradesh
+91-9589680203 kushwahajatin0203@gmail.com LinkedIn Github

EDUCATION

Vellore Institute of Technology, Bhopal **September 2021 - Present**
Int M.Tech CSE (Spec.Computational and Data Science) ***CGPA - 8.54*** *Bhopal, Madhya Pradesh*
Holy Angels Higher Sec.School – 88.6% **April 2020 – June 2021**
Angels Public High School – 85.4% **April 2018 – May 2019**

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.

WORK EXPERIENCE

Web Developer Intern - Remote/On-site **Oct 2024 – Nov 2024**
Quintus Tech Pvt.Ltd

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

Data Science Intern - Prodigy InfoTech **Dec 2024 – Jan 2025**

- Conducted **EDA** cleaning, grouping and data visualization on **Titanic** and World Bank datasets
- Developed a **Decision Tree classifier** for predicting customer purchases **Bank Marketing dataset.**

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 Diagnosis with MRI Images Web link **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.

CERTIFICATIONS

- Oracle Cloud Infrastructure 2024 Certified Professional in Generative AI Technologies and Applications
- Career Essentials in Data Analysis Certificate – Microsoft and LinkedIn Learning
- Applied Machine Learning in Python – University of Michigan

EXTRA CURRICULARS AND ACHIEVEMENTS

- Participated in **Gssoc'24** open source platform, **secured 165th rank** during **Open source contribution**.
- **LeetCode**: Solved 150+ problems, Global Rank - 482,317 , achieving a rating of 1500, GeeksforGeeks: Solved **80+ problems Institutional rank under 100**.
- Secured **first place** in VIT Bhopal's annual inter-university **Aahvaan cricket competition**.
- **Contributed** to organizing and managing **technical sessions**, coding challenges, and hands-on workshops on Python, machine learning, and data analysis **Core Member** at Vit Bhopal's **Data Science Club.**

ADDITIONAL INFORMATION

Languages: Hindi (Native), English (Proficient).
Hobbies: Travelling, Coding, Cricket