Vijay Vishwakarma

BACKEND INTERN| AI/ML INTERN| PYTHON DEVELOPER

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LINKEDIN | GITHUB

About

Innovative **AI/ML Engineer** and **Data Analyst** with expertise in **Python**, **TensorFlow**, and **Backend Development**. Passionate about building scalable AI models, optimizing ML pipelines, and developing backend systems. Proven ability to analyze data, automate workflows, and enhance decision-making through predictive analytics. Seeking an opportunity in **AI/ML**, **DevOps**, or **Backend Engineering** at a leading tech company

Experience

Artificial Intelligence and Machine Learning   Jun - Jul 2024

YBI Foundation

- Implemented core ML algorithms and applied them in **Movie Recommendation System** and **Digit Recognition System (accuracy 86.4%)** using TensorFlow.
- Gained hands-on experience integrating theory with practical implementation.

Data Analytics and Visualization (Accenture)   Apr - May 2024

Forage (Virtual)

- Developed skills in data cleaning, analysis, and visualization using **Python** and Excel.
- Delivered insights and business trends through impactful visualizations.

Education

Chhatrapati Shahu Ji Maharaj University, B.Tech Computer Science and Engineering (AI)

3rd Year (5th Semester)   2022-2026

CGPI: 8.59

Major: Artificial Intelligence | Minor: Computer Science

Operating System | Data Structures and Algorithm | DBMS |

Artificial Intelligence | Machine Learning |Computer Networks

Dawn The Higher College, 12th and 10th   2020-2022

Passed CBSE Board Exams class 12th (PCM) with **81%**

Passed CBSE Board Exams class 10th with **81.5%**

Skills

Programming

Python | C++ | C | MySQL | Tkinter GUI | OpenCV | Flask | Machine Learning | Scikit Learn | NumPy | Pandas | Matplotlib | HTML5 | CSS | Django | Data Science | | TensorFlow | PHP | Git | Linux | APIs

Platforms

Visual Studio Code | Google Colab | Kaggle | Jupyter Notebook | GitHub

Projects

- Classification with an Academic Success Dataset with accuracy 83.4% (Kaggle Competition)

  Built an **ML model** to classify students based on **academic success predictors**.

- Notepad Clone (using Tkinter)

  Developed a **functional Notepad clone** with **file handling, font options, and UI customization**.

- Vehicle Parking Management System (DBMS)

  Designed a **database-driven system** for **managing parking slot allocations**.

- LinkedIn Post Scheduler with AI-Generated Content

  Built an AI-powered content scheduler using **Flask**, **Cohere AI**, **APIs**, and **SMTP** automation.

- Music Recommender using K-Means Clustering

  A simple music recommender with **k-means** on **Spotify Dataset** with **Django** at backend.

Courses and Certification

- IBM Course: Enterprise-Grade AI Foundations
- Infosys Data Science Course
- Coursera: TensorFlow for Deep Learning
- Coursera: Reinforcement Learning by University of Alberta
- Linux Foundation Badge

Activities

- Participated in **Inter Hostel Basketball**.
- Worked on projects including **Notepad Clone**, **Speech-To-Text** and **Automated Software**.
- Attended IIT KANPUR professor lecture on **Cryptography**.
- Completed **Reinforcement Learning** by University of Alberta via Coursera.

Contact

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