Vivek Karadbhajne

Targeting **Data Science**, **JAVA** & **Data Driven** roles with an esteemed organization with a scope of enhancing knowledge and further career growth.

Contact

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https://github.com/vivekkaradbhajne23

https://leetcode.com/u/Vivek/

Academic Details

- **Bachelor of Technology (B. Tech) Computer Engineering (AIML)**
  YCCE, Nagpur;
  CGPA: 9.01
  (2025)

Soft Skills

Analytical | Collaborator | Leadership | Adaptable Problem-Solving | Time Management | Presentation | Communication |

Technical Skills

- **Programming Languages:**
  C/C++, Java, Python, SQL
- **Frameworks:**
  TensorFlow and Keras, Numpy, Pandas, Git SciKit-Learn.
- **Tools:**
  PowerBi, GitHub, MS-Office, VS Code
- **Technology:**
  Machine Learning, Deep Learning, LLMs,

Core Competencies

DSA problem solving

Critical & Application based Thinking

Teamwork

Business Acumen

Ethical Awareness

Personal Details

Date of Birth: 6th May 2003
Languages Known: English, Hindi and Marathi
Address: Katol, Nagpur, Maharashtra

Projects

EXPO Management Application (Team: Swoosh | Event: Udyam IIIT Nagpur Hackathon)

- Developed an application to enhance **expo navigation and vendor interaction** for visitors. Focused on **data visualization** and **predictive analysis** to offer insightful expo management solutions.
- Key features: **QR Code Scanning**: Provides instant details of vendors. **Vendor Reach Dashboard**: Interactive Power BI dashboard displaying vendor reach, profits, and customer connections. **Predictive Model**: Estimates expo attendance based on weather conditions.
- **Technologies used:** Generative AI models, Deep learning, python, Flask, PowerBI, Flutter.

Credit Card Fraud Detection

- Developed a machine learning model to **detect fraudulent transactions**. Improved transaction security by identifying anomalies.
- Implemented **anomaly detection** and **classification techniques**, achieving **98% accuracy** in identifying fraudulent transactions on the test set.

Hex Code Generator using (Intel Unnati Summer Internship 2024)

- Conducted fine-tuning of **TinyLlama-1.1B-Chat-v1.0** model for text generation tasks with the **"burkelibbey/colors"** dataset.
- Reformatted dataset into **ChatML** format to enhance model understanding and performance.
- Utilized **PyTorch**, **transformers**, and **trl** libraries to implement the training pipeline.

Fashion MNIST Image Classifier using CNN (Intel Unnati Summer Internship 2023)

- Classified clothing items into 10 categories using **Python, TensorFlow, and Keras.**
- Achieved accuracy of **92% accuracy** on the test set and presented the project to Intel Unnati Industrial training program mentors.

Achievements

- **Academic Excellence:** B. Tech CSE (AIML) with and impressive **CGPA** of **9.01.**
- **Secured 3rd Rank** in IIIT Nagpur Hackathon (Udyaan 2024) with a prize of **15000 INR.**
- Solved **360+** questions on **Leetcode** shows my problem-solving skills.
- Qualified twice for **INTEL Unnati Industrial Training Program** (2023-2024) showcasing expertise and commitment.
- Qualified and completed **PwC Launchpad program** revising all the core topics of Computer science.

Academic Achievements

- Achieved **top 5** rankings in semester examinations throughout the academic program.
- Elected **president** of ICTRD YCCE and organized **NASA SpaceApps hackathon** and led initiatives to promote research and development in information and communication technology.
- Technical **Co-Head**, IRU National Event.
- Volunteer, **GDG Nagpur @ TEDxYCCE**