VISHWAJIT KUMAR

+91 8521815862 vk7403654@gmail.com LinkedIn Github

Professional Profile

Motivated Computer Science student with a strong foundation in web application development and security principles. Adept at learning new technologies and applying innovative solutions to solve problems. Demonstrates a collaborative mindset, effective communication skills, and a keen interest in contributing to impactful development and security projects. Seeking opportunities to gain hands-on experience and further develop technical expertise.

Education

Kalasalingam Academy of Research and Education **2021 – 2025**

B.Tech in Computer Science & Engineering (Cyber Security) *CGPA: 7.75*

Work Experience

Infosys Springboard Internship 5.0 **November 2024 - January 2025**

- Developed an AI-based fraud detection system for Aadhaar, implementing machine learning models for anomaly detection and pattern recognition.
- Worked on data preprocessing, feature engineering, and model evaluation while collaborating with a team to integrate the system with existing databases and APIs.

MathWorks Virtual Internship Program (MVIP) **May 2023 – September 2023**

MathWorks in collaboration with All India Council For Technical Education (AICTE) *Remote*

- This program allowed me to work on hands-on exercises tackling real-world AI challenges.

Summer Intern - IBM **June 2024– July 2024**

In Collaboration with KARE *Remote*

- Developed an Intrusion Detection System at IBM to detect DDoS attacks on vulnerable websites using advanced algorithms and real-time threat detection

Key Projects

AI-Based Fraud Management System for UID (Aadhaar) | ***Python, Machine Learning and Flask***

- Developed as part of my Infosys Springboard internship project, focusing on fraud detection in Aadhaar authentication using AI and machine learning.
- Integrated EasyOCR for text extraction and YOLO-based object detection to enhance security validation and fraud prevention.

Prediction of Multiple Disease | ***Python, Machine Learning(Multi-Regression)***

- Implemented a user-friendly interface that allows users to use it well, and for that spyder tool under Anaconda is used.
- Developed a powerful disease prediction tool that helps doctors and patients in various aspects.

Advanced Fitness Analytics and Real-Time Tracking | ***Python, APIs, Machine Learning***

- Developed a fitness tracking system that uses custom algorithms and real-time data processing to analyze user performance.
- Implemented API integrations for seamless data collection from IoT fitness devices and mobile applications.
- Designed predictive models to provide personalized workout recommendations based on user activity patterns.

Technical Skills

Programming Languages: C++, JavaScript
Frontend: HTML, CSS, React, Tailwind CSS
Backend: Node.js, Express.js
Databases Cloud: MongoDB, MySQL
Developer Tools/Technologies: VS Code, Git/GitHub, Vercel
Languages:

- **English**: Fluent
- **Hindi**: Native Speaker

Honours and Awards

Gold medalist in IBM Paper presentation **April 2023**

Kalasalingam Academy of Research and Education

- Awarded Gold Medal in the IBM Paper Presentation competition for exceptional research and innovative ideas. This achievement highlights outstanding presentation skills and a high level of expertise in the subject matter.

Achievements

Solved 100+ easy and medium DSA problems from GeeksforGeeks, LeetCode, and CodeChef, building strong problem-solving skills.