SUSHIL KUMAR M

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PORTFOLIO | LEETCODE

SUMMARY

Results driven Full Stack Developer and Machine Learning Engineer with hands-on experience building intelligent systems, scalable web applications, and production-ready ML models. Strong foundation in Data Structures & Algorithms, backend engineering, and data preprocessing. Adept at solving real-world problems, API integrations, and modern web technologies.

EDUCATION

1. Visvesvaraya Technological University
   - **Bachelor of Engineering** in Information Science and Engineering - *8.12 CGPA*   2025

2. PVP Polytechnic
   - **Diploma** In Electronics and Communication Engineering - 74%   2022

3. High Schooling
   - Annie Besant **High School** (SSLC) Percentage – 84%   2019

SKILLS

- **Technical:** Python , C Programming , C++ , Java , JavaScript.
- **Backend:** Spring Boot , Spring MVC , RESTful APIs.
- **Database:** MySql .
- **Web Technologies:** HTML5, CSS3, JavaScript, React.js, Bootstrap
- **Core CS Concepts:** DSA , OOP , SDLC **,** Problem Solving.
- **Machine Learning**: Numpy , Pandas , Feature Engineering.
- **AI & Automation:** N8N, AI tools for workflow automation & productivity
- **Developer Tools:** Git, GitHub, VS Code, Eclipse, MySQL Workbench.

CERTIFICATIONS

- **PYTHON**-Machine Learning Fundamentals.
- **SQL** - Oracle Academy Corporation Certificate.
- **WEB** -Full Stack Developer Certificate By Tap Academy.
- **GEN AI** - GEN AI Certification By Microsoft and LinkedIn.

INTERNSHIP EXPERIENCE

1. **Machine Learning / Data Science Intern** – Rapsol Technologies Pvt. Ltd.
   Sep 2024 – Feb 2025
   - Hands-on experience building ML pipelines including data cleaning, feature engineering, model training, and evaluation using Python, Pandas, NumPy, Scikit-learn, and OpenCV. Optimized classification models (SVM, KNN, Random Forest, Logistic Regression) achieving up to 86% accuracy.

2. **Full Stack Web Developer Intern** - Varcons Technologies Pvt. Ltd.
   Oct 2023 – Dec 2023
   - Worked on a full-stack Cryptocurrency Investment Dashboard using HTML, CSS, JavaScript, React, SQL, REST APIs, and Spring Boot. Designed responsive UI components and built backend integration for dynamic data operations. Collaborated with mentors to deliver client-style professional web modules.

PROJECTS

1. **Face Recognition–Based Attendance System | Tech:** Python, OpenCV, Tkinter, NumPy, Pandas.-**LINK**
   - Developed real-time attendance system using OpenCV, Tkinter, Python.
   - Achieved 90%+ face detection accuracy in dynamic environments.

2. **Network Intrusion Detection System (NIDS) |Tech:** Python, Pandas, NumPy, Scikit-learn, Matplotlib.- **LINK**
   - Machine learning–based NIDS detecting suspicious network traffic.
   - Achieved 86% accuracy on attack classification (DoS, unauthorized access).

3. **AI Personal Voice Assistant |Tech:** Python, NLP, Speech Recognition, PyAudio, Text-to-Speech (TTS)
   - Built an AI-powered voice assistant capable of performing tasks via NLP and Speech Recognition.