AMAN ANSARI

Parbhani,MH

📞 8149404438 ✉ iamamanansari786a@gmail.com in -aman-ansari ⌂ ansariamann

EDUCATION

Shri Guru Gobind Singhji Institute of Engineering and Technology **2021 – 2025**
Btech in Computer Science and Engineering - **7.98** *Nanded*

Dayanand Science College **2019 – 2021**
Maharashtra HSC - **Percentage - 94.5%** *Latur*

L.K.R.R. Prince English School **2018 – 2019**
CBSE SSC - **Percentage - 94.8%** *Selu,Parbhani*

COURSEWORK / SKILLS

- Data Structures & Algorithms
- Operating Systems
- Machine Learning
- Database Management System
- Artificial Intelligence
- OOPS
- Web Development
- SDLC
- Prompt Engineering

PROJECTS

Hospital Management System | PHP , SQL ,XAMPP **01/2023**
- Developed a full stack application with multi-role interfaces and Implemented key functionalities such as patient registration, appointment scheduling, doctor profiles,etc.
- Engineered an **optimized backend architecture**, reducing **database query time by 25%** for seamless data retrieval.

DDOS attack and its mitigation Strategy | HTML, CSS, Python ,Matplotlib **09/2024**
- Designed and optimized **ML models** (SVM, Decision Trees, LSTM, etc.), achieving **highest accuracy with Decision Trees ($\tilde{9}6\%$)** on the CICDDoS2019 dataset.
- Applied feature selection techniques (e.g., ExtraTrees) to enhance model efficiency, reducing features from 87 to 20 while maintaining high accuracy. Developed an **MV-4 ensemble model**, which improved robustness but underperformed compared to the **Decision Tree model ($\tilde{9}6\%$ accuracy vs. MV-4's lower performance)**.

Smartshield- A Malware Solution | Python, Sklearn , JS, CSS, HTML **04/2025**
- Developed a machine learning application that uses random forest algorithm to train the model which uses malware dataset.
- This project has uses cases in classifying .exe files as malicious or legitimate based on scaled pickle file. This project also involves phishing URL detection.

TECHNICAL SKILLS

Languages: Python , Java, C , JavaScript, SQL, HTML&CSS
Developer Tools: VS Code, Android Studio,JupytrNotebook
Technologies/Frameworks: Pandas,Numpy, GitHub Mongo,Matplotlib

CERTIFICATIONS

- HTML & CSS - Udemy
- Python - Udemy
- Web design basics
- ML-1 -Columbia+
- SQL
- IBM AI course - Coursera