SHAIK ARMAN ALI

Mobile: +91 8555051803 | Email: armanshaik1947@gmail.com | LinkedIn | Portfolio

EDUCATION

NIIT University   **Neemrana, India**
- BTECH in Computer Science   2022-2026
  - CGPA – 7.1

Higher Education   **Telangana, India**
- Sri Nalanda Jr College – TS BIE   2020-2022
  - 12th std. – 95.5%
- Regina Carmeli Convent High School – TS SSC   2020
  - 10th std.

PROJECTS AND EXPERIENCE

Employee360 – Intelligent Employee Attrition Dashboard & Prediction Platform
- Built a full-stack employee management and attrition monitoring platform using MERN, Tailwind CSS, and ShadCN UI, integrated with a Flask ML microservice (Scikit-learn + SHAP).
- Tested workflows via Postman, containerized with Docker, and automated CI/CD using Jenkins.

FITNUS – Fitness Tracking System
- Developed a fitness tracker with IoT devices (Arduino IDE) and a web dashboard using HTML, CSS, and Python to monitor workout history.
- Tested sensor integration and data transmission, implementing user login and dashboard for workout tracking.

R & D Project: Scalable Intrusion Detection Solutions for Cloud Computing Environment
- Developed a hybrid Intrusion Detection System for cloud environments using Machine Learning and Deep Learning (CNN, LSTM, SAE) with ensemble classifiers (Random Forest, XGBoost). Achieved 98.5% accuracy and reduced false positives on the CSE-CIC-IDS2018 dataset, improving scalable cloud security.

TABY – Collaborative Virtual Pet Web Game
- Built a browser-based real-time co-parenting game using HTML, CSS, JavaScript, Node.js, and MySQL, featuring secure login, co-parenting, pet emotion tracking, and an infinite inventory system.
- Documented requirements, created UML models, followed SDLC processes, and ensured all actions were stored in a centralized MySQL database.

SKILLS

- JavaScript, Python, SQL, React.js, HTML, CSS, Tailwind CSS, Node.js, Express.js, Python (Flask), MongoDB, MySQL, Scikit-learn, Docker, Jenkins (CI/CD), Git & GitHub, Postman, Arduino IDE

CERTIFICATION

- **Machine Learning – Course Completion**
  Teachnook in collaboration with WISSENAIRE IIT Bhubaneswar, **date: 15-12-2022, Certificate ID: 2931508473**
- Google Cloud Computing Foundation: Data, ML, and AI in Google Cloud, **date: Oct26,2023**
- Google Cloud Computing Foundation: Cloud Computing Fundamentals, **date: Oct9,2023**

POSITOIN OF RESPONSIBILITIES

Treasurer(Office Bearer), MarksmenNU Club
2024 Jan to 2025 Jan
- Manage club finances, budgeting, and expense tracking for all club activities and events
- Trained and mentored 30+ trainees and Coordinated with two additional team members to organize practice sessions and manage club logistics