ADNAN SAMEER AHMED

Ph: +91 8089708574 | adnan.sameer957@gmail.com | [Portfolio](#)

Enthusiastic and high-performing B.Tech Information Technology student with a passion for solving real-world problems through code. Experienced in backend development with a strong interest in Python (Flask & Django), and hands-on exposure to blockchain, machine learning, and AI-driven applications. Successfully led and contributed to multiple impactful projects ranging from passport verification systems to AI-powered placement portals. Proven track record in national-level hackathons, earning awards for innovation and implementation. Skilled in team leadership, cross-functional collaboration, and building scalable backend systems. Eager to apply technical skills in a dynamic, growth-oriented environment.

EDUCATION

COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY, KERALA, INDIA — Expected May 2026
Bachelor of Technology in Information Technology — CGPA: 9.618 / 10.0

BENCHMARK INTERNATIONAL SCHOOL, KERALA, INDIA — June 2020 - July 2022
Higher Secondary Schooling, 12th CBSE — Percentage – 91.2%

AL AIN JUNIORS SCHOOL, AL AIN, UAE — Mar 2019 – Mar 2020
Secondary Schooling, 10th CBSE — Percentage – 91%

PROJECTS WORKED

SENTINEL SHIELD – PASSPORT VERIFICATION SYSTEM — Feb 2024
Team Leader & Lead Backend Developer
- Led backend implementation using Flask and face-recognition ML to verify identities in real-time.
- Streamlined passport verification to reduce wait times and enhance passenger experience.
- Tech Stack – Python (Flask Framework, Face-Recognition ML) and Basic Front-End, MySQL.

HIPUS – CUSAT NOTES SHARING PLATFORM — Mar 2024
Backend Developer
- Built backend APIs using Flask and Telegram's Telethon library to store and fetch notes via Telegram cloud.
- Facilitated seamless resource sharing among CUSAT students by building a centralized academic content platform.
- Tech Stack - Flask Framework, Telethon for Telegram, acting as the cloud storage, NextJS.

OUR RUPEE – BLOCKCHAIN BASED DONATION PLATFORM — Nov 2024
Lead Backend Developer
- Engineered a secure donation platform using Ethereum and smart contracts to ensure transparent transactions.
- Designed to prevent donation fraud by verifying claims and enabling secure, transparent blockchain-based transactions.
- Tech Stack - HTML CSS JS, Ethereum, Ganache, Metamask, Solidity, Auth0, Flask Framework.

CMEX – CUSAT MARKETPLACE ANDROID APP — Jan 2025
Team Leader & Backend Developer
- Led a team to develop an Android app for CUSAT students to buy, sell, and rent goods.
- Developed to connect CUSAT students for buying, selling, and renting goods through an intuitive marketplace interface.
- Tech Stack – React Native, Supabase.

CRIMINAL VERIFICATION SYSTEM FOR KOCHI CITY POLICE — Feb 2025
Backend Developer
- Developed a decentralized verification system using Ethereum, OpenCV, and IPFS.
- Collaborated on a React Native app to interface with the backend for real-world deployment.
- Enables real-time criminal record verification while ensuring data integrity and reducing the risk of forgery or corruption.
- Tech Stack – Basic Front-End, Metamask, Ethereum, Ganache, Solidity, React Native for App, Python.

CAREER-BRIDGE – AI POWERED JOBS & INTERNSHIP PORTAL — Mar 2025
Backend Developer
- A product designed for the students in CUSAT to connect and achieve opportunities from several companies for jobs.
- Integrates AI-driven resume analysis, career roadmap generation, and smart filtering to connect students with recruiters.
- Tech Stack – NextJS, Supabase, Python Django.

ACHIEVEMENTS

- Best Product in Hack to the Future, Conducted By IEEE Manipal University, Jaipur.
- Best Implementation of Auth0 in Make-a-Ton 7.0, Conducted By CITTIC, CUSAT, Kerala.
- Finalists in the Idea Pitching For Kochi City Police
- Winners of the Hack-Europa, Conducted By CITTIC & IT Dept, CUSAT.

ADDITIONAL

Technical Skills: Python [Flask Framework, Django, Face-Recognition], React Native, Supabase, MySQL, C & C++
Languages: Fluent in English and Malayalam, Understands Arabic and Hindi
Non-Technical Skills: Problem Solving, Team Collaboration, Leadership Qualities.