

# ADNAN SAMEER AHMED

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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

<b>COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY, KERALA, INDIA</b> Bachelor of Technology in Information Technology	Expected May 2026 CGPA: 9.618 / 10.0
<b>BENCHMARK INTERNATIONAL SCHOOL, KERALA, INDIA</b> Higher Secondary Schooling, 12 <sup>th</sup> CBSE	June 2020 - July 2022 Percentage – 91.2%
<b>AL AIN JUNIORS SCHOOL, AL AIN, UAE</b> Secondary Schooling, 10 <sup>th</sup> CBSE	Mar 2019 – Mar 2020 Percentage – 91%

## PROJECTS WORKED

<b>SENTINEL SHIELD – PASSPORT VERIFICATION SYSTEM</b> <b>Team Leader &amp; Lead Backend Developer</b> <ul style="list-style-type: none"><li>● Led backend implementation using Flask and face-recognition ML to verify identities in real-time.</li><li>● Streamlined passport verification to reduce wait times and enhance passenger experience.</li><li>● Tech Stack – Python (Flask Framework, Face-Recognition ML) and Basic Front-End, MySQL.</li></ul>	Feb 2024
<b>HIPUS – CUSAT NOTES SHARING PLATFORM</b> <b>Backend Developer</b> <ul style="list-style-type: none"><li>● Built backend APIs using Flask and Telegram's Telethon library to store and fetch notes via Telegram cloud.</li><li>● Facilitated seamless resource sharing among CUSAT students by building a centralized academic content platform.</li><li>● Tech Stack - Flask Framework, Telethon for Telegram, acting as the cloud storage, NextJS.</li></ul>	Mar 2024
<b>OUR RUPEE – BLOCKCHAIN BASED DONATION PLATFORM</b> <b>Lead Backend Developer</b> <ul style="list-style-type: none"><li>● Engineered a secure donation platform using Ethereum and smart contracts to ensure transparent transactions.</li><li>● Designed to prevent donation fraud by verifying claims and enabling secure, transparent blockchain-based transactions.</li><li>● Tech Stack - HTML CSS JS, Ethereum, Ganache, Metamask, Solidity, Auth0, Flask Framework.</li></ul>	Nov 2024
<b>CMEX – CUSAT MARKETPLACE ANDROID APP</b> <b>Team Leader &amp; Backend Developer</b> <ul style="list-style-type: none"><li>● Led a team to develop an Android app for CUSAT students to buy, sell, and rent goods.</li><li>● Developed to connect CUSAT students for buying, selling, and renting goods through an intuitive marketplace interface.</li><li>● Tech Stack – React Native, Supabase.</li></ul>	Jan 2025
<b>CRIMINAL VERIFICATION SYSTEM FOR KOCHI CITY POLICE</b> <b>Backend Developer</b> <ul style="list-style-type: none"><li>● Developed a decentralized verification system using Ethereum, OpenCV, and IPFS.</li><li>● Collaborated on a React Native app to interface with the backend for real-world deployment.</li><li>● Enables real-time criminal record verification while ensuring data integrity and reducing the risk of forgery or corruption.</li><li>● Tech Stack – Basic Front-End, Metamask, Ethereum, Ganache, Solidity, React Native for App, Python.</li></ul>	Feb 2025
<b>CAREER-BRIDGE – AI POWERED JOBS &amp; INTERNSHIP PORTAL</b> <b>Backend Developer</b> <ul style="list-style-type: none"><li>● A product designed for the students in CUSAT to connect and achieve opportunities from several companies for jobs.</li><li>● Integrates AI-driven resume analysis, career roadmap generation, and smart filtering to connect students with recruiters.</li><li>● Tech Stack – NextJS, Supabase, Python Django.</li></ul>	Mar 2025

## ACHIEVEMENTS

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- 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

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**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.