Adnan Suhail

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https://github.com/adnansuh •Portfolio

Education

Toc H Institute of Science and Technology

2022–2026

Projects

Blockchain-Based Certificate Verification System
- Technologies: Solidity, Ethereum, Web3.js, React, Node.js, MongoDB
- Developed a blockchain-powered platform for secure and tamper-proof certificate verification.
- Implemented smart contracts using Solidity to handle certificate creation and validation.

College Bus Tracking Web Application
- Technologies: Next.js, Node.js, MongoDB, Google Maps API
- Built a real-time bus tracking web app for college students and drivers.
- Integrated Google Maps API to show bus locations and routes dynamically.

PiggyBank – Smart Saving Application
- Technologies: React, Firebase, REST API, Tailwind CSS
- Developed an online saving app that locks deposited money until a target date or goal is achieved.
- Designed Firebase-based authentication and real-time database integration.

Career Analytics Platform (Internship Project)
- Technologies: Next.js, Spring Boot, MongoDB, GSAP, TypeScript
- Built an analytics dashboard helping students analyze academic and career growth.
- Integrated REST APIs from Spring Boot backend with secure JWT authentication

Technical Skills

- Languages: Python, C, Java, JavaScript, Dart
- Frontend: React, Flutter, Tailwind, CSS, HTML, CSS
- Backend: Node.js, Express, FastAPI
- Databas: MongoDB, MySQL
- eTools: Git, GitHub, VSCode, Figma, ChatGPT

Certifications & Achievements

·Certified Penetration Tester – RedTeam Hacker Academy
Completed hands-on training in ethical hacking, network security, web application testing, and penetration testing methodologies.

Google Cloud Career Launchpad – Cybersecurity Certificate
Completed a foundational program on cloud-based cybersecurity concepts, threat detection, and incident response using Google Cloud technologies.

IBM iOS and Android Mobile App Developer Course (Ongoing)
Currently pursuing hands-on training in cross-platform mobile development using Flutter, REST API integration, and UX best practices