

Anshul Kanwar

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Education

Bachelor of Engineering 2020-2024
Thapar Institute of Engineering and
Technology
Patiala, Punjab
CGPA 8.42

Upper Secondary 2018-2020
Ch. Balbir Singh Public School, CBSE
Hoshiarpur, Punjab
91.80%

Primary + Lower Secondary 2020
Mount Carmel Sr. Sec. School, ICSE
Hoshiarpur, Punjab
92.16%

Skills

Languages

Go Swift Rust C/C++
TypeScript Python SQL

Frameworks

Next.js iOS/SwiftUI React Native
Django Supabase FastAPI

Developer Tools

AWS Docker Git XCode

Achievements

HackOwasp Owasp Tiet
First Position

Makeathon5 MLSC
First Position

Backslash Labyrinth
Third Position

Merit Scholarship TIET
Received scholarship worth ₹1,15,000

Projects

Tablytix [↗](#) Next.js/FastAPI

- Developed a scalable and resilient app using microservices architecture with Docker and Devcontainers.
- Implemented document analysis, logo redaction, and table extraction functionalities.

Blockchain Demo [↗](#) React

- Interactive React web app for visualizing blockchain concepts.
- Real-time client-side block mining.
- Visualization of Hash, Tokens, and Coinbase Transactions.

Trading Bot [↗](#) Rust

- Developed a command-line trading bot for cryptocurrencies using the Exponential Moving Average (EMA) Crossover Strategy.

Planetary Motion Simulation [↗](#) C++/OpenGL

- Implemented planetary motion simulation using Newton's Law of Universal Gravitation.
- Utilized GLM for mathematical calculations and GLFW as the graphics library.

Web Server [↗](#) C++

- Developed a command-line HTTP web server from scratch using sockets.
- Provided command-line interface (CLI) for configuration.

Contact

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