

Aman Kumar Verma

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Education

Ajay Kumar Garg Engineering College
BTech in Computer Science and Engineering- CGPA: 7.14

Nov 2022 – Jun 2026

Projects

TradeX, Crypto Trading Platform

[github.com/name/repo](#) 

React.js, Spring Boot, JWT, CoinGecko API, Razorpay, Stripe, Gemini API

- Developed a full-stack cryptocurrency trading platform enabling seamless buy/sell operations with real-time market data integration via the CoinGecko API.
- Implemented JWT-based authentication for secure user login and account management.
- Built an intelligent chatbot using the Gemini API to assist users with trading queries and live market information.
- Designed a responsive React.js frontend and robust Spring Boot backend for portfolio management, live charts, and trading functionality.

PeekSend, Email Read Status Tracker

[github.com/name/repo](#) 

React, Nhost (GraphQL, Auth, Serverless Functions)

- Built a user-friendly dashboard with React and integrated Nhost for auth, database, hosting, and serverless backend
- Designed a process where users generate a 1x1 tracking pixel, embed it in their emails, and monitor read status in real time (seen/unseen).
- Focused on privacy-first architecture, requiring minimal user data while enabling accurate email tracking.

Real-Time Chat Application

[github.com/name/repo](#) 

Tools Used: Spring Boot, JavaScript, WebSocket API

- Built a real-time chat application enabling users to join chat rooms and exchange messages instantly.
- Utilized Spring Boot for the backend, WebSocket API for bidirectional communication, and JavaScript for a dynamic frontend experience

Technical Skills

Programming Languages: C++, Java ,SQL, JavaScript, Python

Frameworks: Spring, Spring Boot, Node.js, React.js, Express.js

Databases and Technologies: MySQL, MongoDB, Git/GitHub, Google Cloud Platform, Microservices, Apache Kafka, Hibernate, JPA, Web Sockets

Core Concepts: Data Structures and Algorithms, Software Engineering, Object-Oriented Programming System, Operating System, Computer Networks

Certifications

Java SpringBoot: 8-hour Spring Boot training on features, DB, and testing

[link](#) 

Google Cloud Platform: Cloud fundamentals and services

[link](#) 

Achievements/Extracurricular

- **Hacktoberfest 2023** Contribution in open source with 4+ pull requests accepted
- 750+ DSA problems on Platform Like **LeetCode**, **CodeForces**, **CodeChef** and **GFG**
- Led the team to Delhi NCR finalists in **ANVESHANA 2024–25**, a Regional Level Science Engineering Fair
- Volunteered as a mentor at **Slum Swaraj Foundation**, guiding 10+ underprivileged students in Maths to enhance their academic foundation