Harsh Kumar Verma

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Education

Guru Gobind Singh Indraprastha University   New Delhi, India
Bachelor of Technology, Information and Technology, SGPA: 7.52/10   *2023 – 2027*

Technical Skills

Languages: C/C++, SQL, JavaScript, HTML/CSS, Golang
Libraries/Frameworks/Databases: ReactJs, NodeJs, ExpressJs, PostgresSQL, Redis
Skills: Data Structures and Algorithms, Competitive Programming, Web Development, Devops
Developer Tools: Git, VS Code, Postman, Docker

Achievements

- Solved over **600** DSA-related problems across platforms including LeetCode , Gfg , Codechef and Codeforces.
- Achieved **Specialist**(max 1428) rank on **Codeforces**, demonstrating proficiency in problem-solving, algorithms, and coding efficiency.
- Reached 3 star on **codechef**(max 1742) ranking among top 10 percent competitive programmers in the country.

Projects

Clash of Codes |*ReactJS, NodeJS, ExpressJS, PostgresSQL, Socket.io* | Github Link
March 2025
- Developed a real-time competitive coding platform where users can create and join interactive rooms.
- Integrated the Codeforces API in the backend to process and update user submissions seamlessly.
- Leveraged Socket.io for real-time communication, ensuring seamless updates and interactions during live coding challenges in competitive rooms.
- Implemented live problem statement displays within each room to enhance the coding challenge experience.

CsTrader |*EJS, NodeJS, ExpressJS, PostgresSQL, Razorpay* | Github Link
August 2024
- Developed a full-stack web application using Node.js, Express.js, and PostgreSQL, integrating the Steam API for inventory management and trading.
- Implemented OAuth 2.0 authentication with Passport.js, utilizing Steam OpenID for secure user login and session management.
- Integrated Razorpay payment gateway with secure server-side verification and webhook handling for real-time payment status updates.

Bloger |*ReactJS, NodeJS, ExpressJS, PostgresSQL, Docker* | Github Link
August 2024
- Built a full-stack blogging site with React, Node.js/Express, and PostgreSQL.
- Containerized with Docker and automated AWS deployment via GitHub Actions and Integrated Firebase for image storage.