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++, MySQL, 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](https://leetcode.com/u/harshkvr7/) , [Gfg](https://www.geeksforgeeks.org/user/darshnr624/) , [Codechef](https://www.codechef.com/users/harshkvr7) and [Codeforces](https://codeforces.com/profile/harshzz).
* Achieved **Specialist**(max 1424) rank on [**Codeforces**](https://codeforces.com/profile/harshzz), demonstrating proficiency in problem-solving, algorithms, and coding efficiency.
* Reached 3 star on [**codechef**](https://www.codechef.com/users/harshkvr7)(max 1749) ranking among top 10 percent competitive programmers in the country.

# Projects

**CsTrader** *|****EJS,******NodeJS, ExpressJS, PostgresSQL, Razorpay*** *|* [Github Link](https://github.com/harshkvr7/cs_trader1) *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.
* Optimized trade request processing by implementing asynchronous job handling and rate limiting to comply with Steam API constraints.

**Bloger** *|****ReactJS,******NodeJS, ExpressJS, PostgresSQL, Docker*** *|* [Github Link](https://github.com/harshkvr7/blog3) *August 2024*

* + Developed a full-stack blogging website utilizing ReactJS for a dynamic user interface, Node.js and Express.js for server-side operations, and PostgreSQL for database management.
  + Integrated Firebase for image storage and management, allowing users to upload and display images in their blog posts seamlessly.
  + Implemented secure authentication using JWT tokens to ensure user privacy and data protection.
  + Containerized the application using Docker, facilitating consistent development, testing, and production environments.
  + Automated deployment to AWS EC2 with GitHub Actions for CI/CD, ensuring streamlined updates and continuous integration.