Kunwardeep Singh

[G-mail](#) | [LinkedIn](#) | [GitHub](#)

EDUCATION

Chitkara University   Rajpura
Bachelor of Engineering, Computer Science.   *Aug. 2020– July 2024*

EXPERIENCE

Software Engineer -Virtual Internship
JP Morgan

- Developed an interactive interface for a stock price data feed, enhancing real-time data visualization to support trading activities.
- Engineered Python to process and analyze financial data to provide accurate market insights.
- Employed React and TypeScript to create a dynamic and responsive web application for displaying stock price information.
- Utilized Git for version control for smooth integration of code changes.

PROJECTS

Chess / *JavaScript, HTML5, CSS3*
- Completed a fully functional chess game using JavaScript, HTML5, and CSS3 implementing complex game logic and user interface design.
- Applied Object-Oriented Programming principles to create modular, maintainable code for game mechanics, including piece movements, checkmate conditions.
- Conducted comprehensive testing and debugging across multiple browsers to deliver a robust, bug-free game.

Fusion Board / *ReactJS, Next.js, TypeScript, Prisma, Tailwind, MySQL*
- Initiated a Trello clone using Next.js 14, implementing key features such as user authentication, organizations, workspace and board creation.
- Integrated Unsplash API for dynamic and visually appealing cover images, enhancing user engagement.
- Implemented comprehensive activity logs for organizations and individual cards, providing users with detailed tracking and historical data.
- Enabled full board management functionalities including renaming, deleting, and limiting boards per organization with Stripe subscription for unlimited boards.
- Designed and developed advanced list and card management features, including creation, renaming, deletion, drag-and-drop reordering, and copying.
- Utilized Prisma ORM and MySQL database for efficient data modeling, querying, and management, ensuring robust backend performance.

TECHNICAL SKILLS

Languages: Python, C++, SQL (Postgres), JavaScript, HTML/CSS
Frameworks: ReactJS, Node.js, Material-UI, Next.js
Developer Tools: Git, VS Code, Visual Studio

ADDITIONAL ACHIEVEMENTS

- NCC Leader
- Research Paper
- ACM STUDENT CHAPTER