

## KESHAV PREMSAGAR

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### EDUCATION AND QUALIFICATIONS

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#### University of Hull

BSc. Computer Science

Hull, United Kingdom

Sep 2021 - June 2024

**Modules included:** Advanced Programming; Data Structure; Database Management C Data Analysis

- Proficient in programming languages, including Python, C#, and SQL
- Experience in using SQL for database management and data retrieval
- Skilled in version control and collaboration using GitHub
- Experienced in Agile and Scrum methodologies for efficient project management.
- Solid knowledge of networking principles and database management.

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### EXPERIENCE

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#### JP Morgan Chase s Co.

Software Engineering

Job Simulation, Virtual

August 2024

- Setting up local dev environment and fixing the broken client data feed script.
- Correcting the web application by fixing broken typescript files in the repository.
- Downloading necessary files, tools and dependencies for the application to run.
- Provide unit tests for the script in the repository.
- Generate live graph to display data feed for trading and stock price monitoring.

#### Rajiv Gandhi Cancer Institute and Research Centre

IT Intern

New Delhi, India

June 2022 - August 2022

- Developed and optimized SQL queries to enhance data retrieval processes.
- Gained hands-on experience with database management.
- Assisted IT professionals in their daily tasks, gaining insights into advanced technical skills.
- Gained proficiency in various software tools used for data analysis and project management.

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### PROJECTS

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#### Online Food Applications

- Designed dynamic pages for browsing restaurants, viewing menus, and placing orders.
- Integrated real-time data retrieval to update restaurant availability and menu options seamlessly.
- Conducted user testing to gather feedback and iteratively improve the application's functionality and user experience.

#### Client Server

- Developed a robust client-server application using C# and MySQL, designed to handle real-time data retrieval and processing.
- Integrated MySQL database to store and manage user data, ensuring data consistency and reliability.
- Developed comprehensive unit tests to ensure the robustness of the server-client interactions, improving code quality and maintainability.

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### SKILLS

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- **Languages:** English (Fluent), Hindi (Native)
- **Programming Languages:** Python (Advanced), C# (Advanced) SQL (Advanced), React (Intermediate), HTML & CSS (Advanced)
- **Others:** Strong communication skills, eager and quick learner, team player