# ROSHAN SINGH

91+7503629216  roshansingh6039@gmail.com  linkedin.com/roshan-singh-306212202  Roshancoder

## Skills

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| **Frontend:** | React.js, Angular, Angular Material, JavaScript (ES6), TypeScript, Kendo UI Angular, Flutter UI |
| **Backend:** | NodeJS, ExpressJS |
| **Tools:** | GitHub Actions, VS Code |
| **Database:** | MS SQL, SQL, Mongo Db |
| **Others:** | Data Structures & Algorithms (DSA) |

## Work Experience

**Mittal Software Labs (MSL)**                                              **Jan 2024 - Present**
*Full Satck Software Developer*                                                          *Hybrid*

- Developed responsive front-end interfaces using Angular to enhance the user experience and optimize performance of the Adient search engine, ensuring seamless usability across devices and browsers.
- Successfully resolved bugs within the search engine, resulting in a 25% reduction in front-end loading time and improved user experience.
- Employed performance optimization techniques such as code splitting, lazy loading, and image compression to improve loading time and overall responsiveness of the frontend components, enhancing user satisfaction and retention.
- Integrated Kendo UI components seamlessly into the Adient search engine's frontend interfaces, leveraging its powerful grid, charts, and dropdowns to enhance data presentation and user interaction.

## Projects

### College ERP Portal

**Tech Stack:** React, CSS3, Kendo UI, NodeJs, ExpressJs, Mongo Db

- Developed multiple modules for ERP.
- Integrated backend services to store and retrieve the data.
- Identified and rectified performance issues within the existing codebase, resulting in a 40% improvement in overall system performance.
- Conducted a thorough analysis of the current system, identified potential shortcomings, and reported these issues for prompt resolution, ensuring a stable and reliable platform.

### Food Ordering App

**Tech Stack:** React, CSS3, NodeJs, ExpressJs, Mongo Db

- Built a user-friendly interface for a food ordering application using React and CSS3.
- Implemented backend services with Node.js for user authentication, order processing, and inventory management.
- Integrated MongoDb for efficient data storage and retrieval of menu items, user profiles and order history.
- Employed caching mechanisms and optimized database queries to enhance the overall performance of the food ordering application, resulting in 30% reduced loading times and improved scalability to handle increased user traffic during peak hours.

### Portfolio Website

**Tech Stack:** Html, CSS, Javascript, React

- Designed a sleek and modern portfolio website using React and CSS3, focusing on user experience and visual appeal.
- Implemented interactive features and animations to engage visitors and showcase projects effectively, enhancing interactivity and user engagement.
- Utilized efficient coding practices and optimizations to ensure fast loading times and smooth navigation.

## Education

**J.C Bose University of Science and Technology, Ymca**                          **Sept 2020 – June 2024**
B.Tech. - Electronics & Computer Engineering | CGPA: 8.31 / 10

## Achievements

- Solved more than 1200 DSA Problems in various platforms.
- Semi-Finalist in Tally Code Brewers.