

Aditya Pratap Singh

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Profile Summary

Innovative and results-driven **Software Developer with 1+ years** of experience in full-stack development, specializing in building robust, scalable, and user-centric applications. Proficient in TypeScript with extensive experience in frameworks like React.js, Node.js, Skilled in database management and I have successfully delivered multiple end-to-end projects.

Skills

- **ReactJS | NodeJS | ExpressJS | MongoDB | MongoDB-Aggregation-Pipeline | TypeScript | JavaScript | jQuery | | Redux-toolkit | HTML | CSS | SCSS | TailWindCSS | MYSQL | C | Python | REST-API | API-Integration.**
- Bitbucket | JIRA | Github | Netlify | Front-end | Back-end | Full Stack | JS-Frameworks | **Postman**
- Teamwork | Project Management | Creativity | Productivity | Communication

Professional Experience

Software Developer **Cresc Datasoft Pvt Ltd.** **Bengaluru,India** **09/2023 - present**

BDS (Web App) :-

Roles and Responsibility :-

- Engineered a cutting-edge module to streamline data addition and edit functionality, optimizing component performance and driving a 50% increase in database efficiency.
- Implemented callback hooks in ReactJS to resolve critical bugs and optimize system performance, resulting in a 40% reduction in app crashes and a 25% increase in overall application speed.
- Design a module that extracts data from the database and **transfers it to Excel.**
- Implement and manage the **MongoDB** database, including **schema design** and **aggregation-Pipelines.**

HRMS portal :-

Roles and Responsibility :-

- Developed a cutting-edge login module that utilizes both **JWT authentication** and **OTP-based authentication.**
- **API Development :** Developed **RESTful APIs** using **Node.js** and **Express.js.**
- **Database :** Implement and manage the **MongoDB** database, including **schema design** and **aggregation-Pipelines.**
- **Authentication and Authorization:** Implement secure user authentication with JWT and **role-based access control.**
- **Business Logic Implementation** Develop server-side logic for handling HRMS functions such as attendance, employee information, and **punching time in/out** using **MongoDB-aggregation-pipelines.**
- **Performance Optimization:** Optimize backend performance for scalability and efficiency.

Education

Master of Computer Applications **Bundelkhand University** **Jhansi,India** **10/2021 - 07/2023**

- **75% marks with Honours.**

Bachelor of Computer Applications **Shri Ramswaroop Memorial University** **Lucknow,India** **07/2018 - 07/2021**

- **With 64% marks.**

Intermediate **Tilleshwari Devi Intermediate College** **Ballia,India** **03/2016 - 03/2017**

- **With 90% marks.**

Projects

- **Elearn (Learning App):** This application is a web-based learning system using **MERN Stack** Technologies. **(08/2024)**
 - **Tools & technologies used:** **ReactJS, NodeJS, ExpressJS, MongoDB, Redux-Toolkit, SCSS, TailWindCSS, API, JWT.**
 - **Description:-** We have developed elearn through which we students and teachers can register for courses. We can also assign which course to whom. And students can also purchase courses and the admin can also track the students' courses.
- **Foodzy:** This application is a web-based food ordering system using **MERN Stack** Technologies. **(07/2023)**
 - **Tools & technologies used:** **ReactJS, NodeJS, ExpressJS, MongoDB, API, Payment-Gateway(Rozarpay)**
 - **Description:-** Developed and launched a cutting-edge MERN-based food delivery web app, streamlining the ordering process for users and increasing revenue for local restaurants by 40%.
- **Online Code Editor:** Utilized **TailwindCSS, ReactJS and NodeJS** to create a visually appealing web app. **(05/2023)**
- **WeatherApp:** To generate a Web Application and obtain weather data from the openweather API, I utilized TailwindCSS, ReactJS.

Certificates

1. Certificate of Full Stack Developer from Udemy.
2. Certificate of **Coding Competition Organizer** in College.