Aditya Pratap Singh

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Skills

- **Languages:** JavaScript, TypeScript, HTML5, CSS3, C, Java, Python, PHP, SQL
- **Frameworks:** React, Redux-toolkit, ES6, NodeJS, ExpressJS, SCSS, TailWindCSS, Bootstrap5, REST-API
- **Database:** MySQL, MongoDB, MongoDB-Aggregation-Pipeline
- **Tools:** Git, Github, Postman, Bitbucket, JIRA, Netlify, orender, Canva
- **Soft Skills:** Creativity, Productivity, Communication, Teamwork, Project Management

Professional Experience

Software Developer   **Cresc Datasoft Pvt Ltd.**   *Bengaluru, India*   09/2023 – 09/2024

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**
- Created and manage the **MongoDB** database, including **schema design** and **aggregation-Pipelines.**

HRMS portal :-

Roles and Responsibility : -

- Designed a cutting-edge login module that utilizes both **JWT authentication and OTP-based authentication**.
- **API Development :** Initiated **RESTful APIs** using **NodeJs** and **ExpressJs**.
- **Database:** Constructed and supervised the MongoDB database, which comprised schema design and aggregation pipelines.
- **Authentication and Authorization:** Introduced 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.

Full Stack MERN Developer   **Orlank Technologies Pvt Ltd.**   *Noida, India*   01/2025 – 3/2025

Toor and Travel Web Application :-

Roles and Responsibility : -

- Designed a cutting-edge login module that utilizes both **JWT authentication and OTP-based authentication**.
- **API Development :** Initiated **RESTful APIs** using **NodeJs** and **ExpressJs**.
- **Database:** Constructed and supervised the MySQL database, which comprised schema design and aggregation pipelines.
- **Authentication and Authorization:** Introduced secure user authentication with JWT and **role-based access control**.
- **Tour Package Management:** Developed functionalities for adding, updating, and deleting tour packages.
- **Booking System:** Built an interactive booking system allowing users to book tours and make payments.
- **User Dashboard:** Designed a dashboard where users can track bookings, view itineraries, and manage their profiles.
- **Admin Panel:** Created an admin dashboard for managing users, bookings, and tour packages.

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   **Tileshwari 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. [source code](#)
  - **Tools & technologies used***: ReactJS, NodeJS, ExpressJS, MongoDB, Redux-Toolkit, SCSS, TailWindCSS, API, JWT.*
  - **Description**:- We have developed a tool that allows students and teachers to register for courses. It is possible for us to assign courses to anyone we want, students have the option to purchase courses, and the admin can monitor their progress.
- **Foodzy:** The application uses MERN Stack Technologies to create an online food ordering system. [link](#)   [source code](#)
  - **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.*
- **WeatherApp:** To generate a Web Application and obtain weather data from the openweather API, I utilized TailwindCSS, ReactJS.

Certificates_____

- Certificate of Full Stack Developer from Udemy.
- Certificate of **Coding Competition Organizer** in College.
- Certificate of Programming with Python from Internshala Tranning.
- Certificate of ReactJS Intern from Sync Interns.