

GAURAV YADAV

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PROJECTS

EMPLOYEE TASK MANAGEMENT SYSTEM

[GITHUB](#)

React.js | JavaScript | Tailwind CSS

- Architected a role-based task management application with Admin and Employee interfaces using **React.js** and **Context API**.
- Implemented **CRUD operations** for task management: create, assign, update status (accept/complete/fail), and track across employees.
- Built **Admin dashboard** with task creation form, employee statistics table, and real-time task assignment.
- Developed **Employee dashboard** displaying task counts and categorized cards (New, Active, Completed, Failed).
- Engineered Context API state management, reducing prop drilling by 80% and centralizing authentication.
- Established **authentication system** with role-based access control and **Local Storage session persistence**.
- Designed **responsive UI** with **Tailwind CSS** featuring color-coded cards and mobile optimization.
- Integrated **Local Storage API** for persistent data storage of employee records and task assignments.

RAILWAY RESERVATION SYSTEM

Full Stack | Spring Boot Microservices | React.js

- Built a **full-stack railway reservation system** with 6 microservices (Admin, User, Reservation, Payment, Eureka, API Gateway) using **Spring Boot** and **Spring Cloud**.
- Configured **JWT-based Spring Security** for authentication and role-based access control in admin and user panels.
- Developed a **React.js** frontend integrated with **REST APIs** for ticket booking, payment processing, and train management.
- Applied **Eureka Server** for service discovery and **API Gateway** for **routing, load balancing, and scalability**.

EDUCATION

LOVELY PROFESSIONAL UNIVERSITY

Phagwara, Punjab

Master of Computer Applications

August 2023 - June 2025

FEROZ GANDHI COLLEGE (CSJM UNIVERSITY)

Raebareli, Uttar Pradesh

Bachelor of Science in PCM

August 2019 - June 2022

KENDRIYA VIDYALAYA RAEBARELI

Raebareli, Uttar Pradesh

12th (Science – Non-Medical)

April 2018 - March 2019

CERTIFICATES

ADVANCED REACT | META (VIA COURSERA) | [LINK](#)

July 2024

- Learned **React** concepts including reusable **component** patterns, **API data handling, testing**, and integration of popular **libraries**, and **debugging**.

META FRONT-END DEVELOPER | META (VIA COURSERA) | [LINK](#)

June 2024

- Covered **HTML, CSS, JavaScript, Git, responsive web design**, and **front-end development** fundamentals including **version control**, debugging, and modern UI best practices.

SKILLS

Language/Frameworks: C++, Java, JavaScript, React.js, Tailwind CSS, SQL, Spring Boot, HTML5, Bootstrap, React Three Fiber.

Tools/Platforms: GitHub, Firebase, MySQL, Visual Studio Code, IntelliJ IDEA.

Other Skills: Data Structure and Algorithms, Object-Oriented programming (OOPs), Competitive Coding, Problem-solving.