

Rajesh Singh

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Portfolio: dev-drav.netlify.app

Github: github.com/rajeshsh565

Objective

Highly motivated and eager MERN stack developer with a strong foundation in JavaScript (React, Node.js), MongoDB, and web development best practices. Seeking to apply my knowledge and contribute to a collaborative team environment where I can learn and grow as a developer.

Skills

Technical Skills

HTML & CSS	JavaScript(ES6+)
React	Node.js(Express)
RESTful APIs	PostgreSQL
MongoDB	React Native
Docker	Git/Github
AWS/DigitalOcean	

Soft Skills

Verbal and Written Communication

Teamwork

Problem Solving

Critical Thinking

Patience

Flexibility

Work Experience

Aurika Tech Pvt. Ltd. | Full Stack Software Engineer

Sept 2024 - May 2025

Key Technologies

JavaScript, Typescript, Python, MERN Stack (MongoDB, Express.js, React, Node.js), PostgreSQL, Elasticsearch, React Native, Docker, AWS EC2, DigitalOcean.

Scope of Work

- Led end-to-end full-stack development as the **sole developer** for a Network Participant (Aurika Tech) on the **ONDC platform**, building both **Buyer and Seller** applications.
- Developed and implemented critical features aligned with **ONDC protocols**, including **Reconciliation and Settlements Framework (RSF)** and **Issue and Grievance Management (IGM)** systems.
- Integrated **Google Gemini API** into the Seller web application to provide AI-powered assistance for generating product descriptions and naming ideas, significantly enhancing seller efficiency.
- Significantly improved and optimized existing Android mobile application built with React Native, focusing on **UI enhancements** and **bugs resolution**.

- Managed application deployment and infrastructure on **Amazon EC2** and **DigitalOcean Droplets**, overseeing Docker-based project environments and configuring necessary security protocols.
 - Collaborated directly with **ONDC**, **Settlement Agency**, and **Sequel Logistics** teams to conduct system demos, integrate shipment APIs, provide technical feedback on endpoints, and troubleshoot integration issues, ensuring protocol compliance and smooth data flow.
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DevTown | Full Stack Web Dev Intern

Sept 2023 - Dec 2023

Key Technologies

HTML, CSS, JavaScript, MERN Stack (MongoDB, Express.js, React, Node.js), MUI, Bootstrap, Netlify, Render

Scope of Work

- Collaborated in a team-based full-stack web development bootcamp, simulating an internship environment under industry mentorship.
- Designed and deployed a responsive **Movie Booking Application** using the MERN stack (MongoDB, Express.js, React, Node.js).
- Integrated secure user authentication, real-time seat selection, and dynamic movie listings via API endpoints.
- Implemented front-end components with React and MUI and styled them using styled-components and bootstrap.
- Developed RESTful backend services with Node.js and Express, and managed database operations using MongoDB.
- Gained experience in Git-based version control, agile workflows, and debugging complex web interactions.

Personal Projects

WhatsApp Web Clone

A functional clone of WhatsApp Web focused on replicating its real-time messaging experience, built using the MERN stack with socket-based communication and dynamic UI flows. Key features include:

- **Real-time Messaging:** Bi-directional socket communication with message delivery, read receipts, and AFK detection.
- **Optimistic UI Updates:** Messages appear instantly in chat before server confirmation, enhancing responsiveness and user experience.
- **UI/UX Fidelity:** Replicated WhatsApp's layout, message bubbles, chats list, and paste sanitization for seamless interaction.
- **Responsive Design:** Custom mobile-friendly UI with adaptive layout and touch-optimized interactions—unlike WhatsApp Web's desktop-only experience.

Key Skills:

- MERN Stack Development
 - Socket.io: Real-time Event Handling, AFK Detection, Message Sync
 - React: Context API, Hooks, Dynamic UI Rendering
 - Custom State Management & Fallback Logic
 - UI/UX Engineering: Layout Fidelity, Paste Sanitization
 - Deployment & Debugging: Render, Environment Setup
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Jobify

Jobify simplifies job application management with a user-friendly platform built using the MERN stack (MongoDB, Express.js, React.js, Node.js).

Users can create, track, and analyze applications with features like:

- **Effortless Application Tracking:** Manage all aspects of your job search, including company, position, status (interview, declined, etc.).
- **Data-driven insights:** Visualize application trends and filter job searches efficiently.
- **Secure authentication:** JWT and bcrypt ensure secure login and data protection.

Key Skills:

- MERN Stack Development
- React: Styled-Components, Context API, various Hooks, React Router
- Authentication (JWT, bcrypt, cookies)
- Data Fetching (Axios)
- Caching(React Query)
- UI/UX Design with Dark Mode Integration

Book A Movie: Seamless Movie Booking Platform

Book A Movie is a MERN stack-based platform (MongoDB, Express.js, React.js, Node.js) designed to streamline the movie ticket booking experience with an intuitive and seamless interface. Users can:

- **Browse Current Showtimes:** Easily discover movies currently available for booking.
- **Secure Login and Booking:** Enjoy a seamless booking process with role-based login secured by JWT authentication.
- **Manage Bookings:** View past bookings and manage cancellations with ease.
- **Intuitive Interface:** Enjoy a visually appealing and user-friendly interface powered by Material UI.

Key Skills:

- MERN Stack Development
- React: Redux, Material UI (MUI), React Router
- Authentication (JWT, bcrypt)
- Data Fetching (Axios)
- CORS Configuration

Education

Master of Computer Applications

Indira Gandhi National Open
University
2022-2024

Class XII(w/ Computer Science)

CBSE Board
94%

B.Sc.(Honours) Computer Science

Keshav Mahavidyalaya, Delhi
University
2017-2020

Class X

CBSE Board
CGPA: 9.2/10

Personal Information

Date of Birth:

Email:

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09 October 1998

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Permanent Address:
Languages Known:

Pithoragarh, Uttrakhand, India
Kumaoni, Hindi, English