

ROHIT RAWAT

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EDUCATION

Chandigarh University

B.E. Computer Science and Engineering | CGPA: 7.85

Mohali, Punjab

August 2020 – June 2024

Sharda Sarvhitkari Model Sen.School

Secondary Education | Percentage: 88.60

Sector 40-D, Chandigarh

2018 – 2020

Experience

Helios Tech Labs

Software Developer Intern

Mohali, Punjab

Sept 2025 – Present

- Developed a POS and Inventory Management System using the MERN stack, integrating Zoho Inventory and Foodics APIs to automate multi-outlet stock, sales, and transfer workflows.
- Engineered high-performance data synchronization using Redis caching and optimised asynchronous API pipelines, reducing response **latency by nearly 40%**.
- Designed a modular Express.js backend with clean route-controller-service separation and implemented JWT-based role-based access control (RBAC) for secure multi-role operations.
- Built a near real-time notification system between the Central Kitchen and four outlets using an efficient polling mechanism and delivered a live dashboard for monitoring sales and inventory performance.

PROJECTS

MUSAFIR | React.Js, Tailwind-CSS, Node.JS, Redis, BullMQ, MongoDB, Docker, Github-Action, EC2 | 💬 LINK

- Developed a full-stack travel booking platform using the MERN stack, enabling users to explore, book, and pay for curated tour packages with integrated **Razorpay payment gateway**.
- Implemented role-based authentication and authorization using **JWT** and **bcrypt**, along with a secure forgot-password workflow for user account recovery.
- Design **Zod**-validated backend APIs and used **BullMQ + Redis** queues to deliver OTP emails for signup verification and password reset.
- Built the frontend using React, **Redux Toolkit**, **TanStack Query**, and **Axios**, ensuring efficient state management, data caching, and responsive UI performance.
- Containerized the entire application using **Docker & Docker Compose**, set up automated CI/CD pipelines with **GitHub Actions**, and deployed services on AWS **EC2**.

RACONTEUR HUB | React.Js, Tailwind CSS, Node.Js, MongoDB | 💬 LINK

- Developed a full-stack blog website using **React.js** for frontend and **Node.js** with **MongoDB** for backend, integrating **Google Firebase authentication** for user sign up, login, interactions (like, comment), and secure sign out.
- Built an Admin Dashboard for post management (posting, updating, deleting) and activity tracking (total posts, comments, last month's activity), implementing and testing **RESTful APIs** with **Postman**.
- Secured user data with **JWT, cookies, and bcrypt**, integrated **NodeMailer**-based OTP system for password recovery, and ensured backend efficiency and reliability.
- Implemented **dark/light theme toggle**, ensured full responsiveness with **React.js** and **Tailwind CSS**, managed state with **Redux Toolkit**, and deployed the application on **Render**.

TECHNICAL SKILLS

Programming Languages: C/C++, JavaScript, SQL

Front-End: HTML, CSS, React.js, Redux Toolkit, Tailwind CSS

Back-End: Node.js, Express.js

Cloud & Databases: MongoDB, MySql

Tools & Platforms: GitHub, Postman, Docker

Relevant Coursework: Data Structures & Algorithms, Object Oriented Programming, Database Management System, Operating System.

ACADEMIC ACHIEVEMENTS

* Solved 800+ coding problems on **LeetCode** and **GeeksforGeeks (GFG)**

* Earned a C/C++ Competitive Programming Certificate. [Link](#)

* LeetCode Weekly Contest 432, Secured **2619th Rank**, among more than 27291 participants.

* Ranked in the **top 31.21%** of LeetCode users with a maximum rating of **1552**, demonstrating strong problem-solving and competitive programming skills.

* Achieved an Institutional Rank of **122** on **GeeksforGeeks**, reflecting consistent performance among peers.