

PREM RAWAT

Full Stack Web Developer

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Faridabad, Haryana – 121001

Summary

MERN full stack developer experienced in building scalable web applications, secure REST APIs, and optimized database-driven systems. Skilled in authentication, clean architecture, and high-performance UI development.

Education

Chandigarh University, Chandigarh <i>B.E. in Computer Science</i>	07/2023 – 07/2027 CGPA: 7.85 / 10
B.N. Public School, Faridabad <i>Senior Secondary (XII)</i>	04/2022 – 04/2023 Percentage: 90.6%
B.N. Public School, Faridabad <i>Matriculation (X)</i>	04/2020 – 04/2021 Percentage: 71.2%

Skills

Frontend: React.js, HTML, CSS, Tailwind	Backend: Node.js, Express.js
Database: MongoDB, MySQL, Mongoose	Libraries: Recoil, Zod, JWT
Version Control: Git, GitHub	Languages: C/C++, JavaScript, Python

Projects

MokeMoney — MERN Stack, JWT, MongoDB, Mongoose	06/2024 – 01/2025
<ul style="list-style-type: none">– Implemented secure JWT authentication using localStorage for persistent sessions.– Added client-side caching to reduce redundant API calls by 70%.– Used Mongoose atomic transactions ensuring fully consistent wallet transfers.– Integrated server-side pagination for 10-user pages, reducing DB load by 60%.	
Online-Course-Selling-API — Node.js, Express.js, MongoDB	08/2025
<ul style="list-style-type: none">– Developed backend with JWT authentication, protected routes, and RBAC for admin/user separation.– Built complete admin panel APIs for creating, updating, validating, and managing course data.– Implemented user workflows including signup, browsing, purchasing, and content retrieval.	
Huffman & LZW Visualizer — React.js, JavaScript, Tailwind	01/2025
<ul style="list-style-type: none">– Built an interactive visualizer for Huffman Coding and LZW Compression with real-time execution steps.– Implemented dynamic Huffman tree generation including frequency tables, queues, and code mapping.– Constructed LZW dictionary expansion showing token creation and sequence matching step-by-step.– Designed a responsive UI allowing users to input custom data and compare algorithm behavior.	

Certifications

Full Stack Web Development — Udemy & Harkirat Singh Cohort 3 (2024)

Data Structures & Algorithms (DSA) — CodeHelp Supreme 3.0 (2024)