

KRISH CHOUPAL

Software Engineer

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Summary

Software Engineer skilled in **DSA, algorithms, problem-solving, and full-stack development**. Delivered **scalable, and high-performance MERN applications** with **Node.js, React.js, SQL/MongoDB, REST APIs**, achieving **30% efficiency improvement** and actively participating in hackathons and coding competitions.

Skills

Programming & Querying: C++, JavaScript, SQL

Frontend: HTML, CSS, React.js

Backend: Node.js, Express.js, REST APIs, MongoDB

Tools & DevOps: Git, GitHub, Postman, Docker, Jenkins, CI/CD, DigitalOcean, AWS

Fundamentals: DSA, Algorithms, OOPs, Operating Systems, DBMS, Computer Networks

Soft Skills: Leadership, Communication, Teamwork, Agile Collaboration

Experience

Full-Stack Developer Intern

Appenius Private Limited (Remote)

Nov 2023 – Jan 2024

Tools Used: MERN, GitHub, Postman

- Built a **MERN web application supporting 10,000+ users**, which elevated operational efficiency by **30%**.
- Crafted secure APIs with **JWT authentication and Razorpay integration** to ensure safe payments.
- Boosted performance and SEO, reducing load times by **30%** and increasing organic traffic by **25%**.
- Orchestrated **CI/CD pipelines, Git/GitHub version control**, and deployed on **DigitalOcean & Hostinger** to handle **3x traffic**.

Projects

Laundry Management Web App | MERN, SQL, Razorpay API [Source Code]

Feb 2024 – May 2024

- Engineered a full-stack laundry platform for 10,000+ users with scheduling, order tracking, and secure payments.
- Designed a responsive React.js frontend and Node.js backend with SQL & MongoDB for real-time analytics and reporting.
- Fortified security with JWT authentication and encrypted APIs, ensuring data integrity.
- Streamlined performance by decreasing load times by 30%, improving SEO, and deploying on DigitalOcean & Hostinger for 3x traffic capacity.

Smart Chat & AI Research App | MERN, SQL, OpenAI API

Apr 2025 – Jun 2025

- Constructed a **real-time multi-user chat platform** with React.js frontend, Node.js backend, and SQL/MongoDB storage.
- Integrated an **AI chatbot (OpenAI API)** providing automated business insights, research support, and intelligent suggestions.
- Implemented **two-layer JWT authentication, encrypted APIs**, enhancing backend/frontend responsiveness by 35%.
- Developed **admin dashboards** to monitor chat activity, AI performance, and engagement metrics.

Awards & Certifications

- **Certifications:** Advanced C++ Programming (NPTEL), React.js & JavaScript (IBM), Introduction to Web Development (Coursera) – demonstrates full-stack and algorithm expertise.
- **DSA & Algorithm Achievement:** Solved 300+ coding problems on LeetCode & HackerRank, strengthening Strategic Thinking and optimization skills.
- **Technical Hackathon (48-hour, 2024):** Led a 4-member team; developed a scalable web solution and secured **Top 3** position out of 25+ teams.

Education

Bachelor of Engineering

Chandigarh University, Punjab

2021 – 2025

CGPA: 7.5 / 10