

Devraditya Singh Chouhan

Full-Stack Developer | MERN Stack | Open Source Enthusiast

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PROFESSIONAL EXPERIENCE & INTERNSHIPS

All listed experiences are supported with certificates (see dev-chouhan.github.io/LinkTr-ee/)

- **React Developer - HashedBit (Remote)** | *May 2024–July 2024*
 - Led a team of 6 developers to deliver 4 real-time React features using Redux for state management and WebSocket for live updates.
 - Reduced latency by 40% using code splitting & memoization; enhanced maintainability with reusable React components and TypeScript.
- **Technical Leader - GDSC & BrainSeed Networks (Concurrent with College)** | *May 2022–Jan 2024*
 - Directed a team of 10 developers to complete 3+ full-stack projects using the MERN stack and CI/CD pipelines with GitHub Actions.
 - Mentored 8 junior developers, improving project delivery by 30%; boosted tech community engagement by 45% through workshops and hackathons.
- **Frontend Intern - Zonion (Remote)** | *Sep 2023–Oct 2023*
 - Refactored React components with lazy loading and Next.js to enhance UX and SEO performance.
 - Optimized the frontend with modular CSS, Tailwind CSS, and code splitting, reducing load time by 15% and increasing user engagement by 25%.

PROJECTS

All listed projects are supported with live demo (see dev-chouhan.github.io/LinkTr-ee/)

- **Whiteboard:**
 - Revamped a real-time collaborative platform using React, WebSocket, and Next.js, deployed on Render using CI/CD pipelines.
 - Supported 60+ concurrent users with <1s latency, optimizing server-side event handling for scalability.
- **TextUtils Renewed:**
 - Constructed a text manipulation tool using JavaScript, React, and Web Speech API for case conversion and speech synthesis.
 - Served 400+ daily users, deployed on Netlify with automated CI/CD workflows.
- **Notes Handler:**
 - Crafted a secure note management system with JWT authentication, role-based middleware, and MongoDB for data storage.
 - Enabled multi-user access with full CRUD functionality, supporting 100+ daily transactions.
- **EventSync API:**
 - Built a RESTful API using Node.js, Express.js, and MongoDB for event and note management, deployed on AWS with microservices architecture.
 - Handled 500+ daily requests, improving retrieval speed by 35% through query optimization and caching.
- **UniCleaner:**
 - Engineered an antivirus simulation tool using Python and SHA-256 hashing, achieving 95% detection accuracy for simulated threats.
 - Optimized performance to reduce CPU usage by 20% through efficient algorithm design.

EDUCATION

University of engineering and management

Jaipur, Rajasthan (2021-2025)

Major: Computer Science, B.tech, CGPA: 8.11

Carmel convent school

Neemuch, M.P. (2018-2020)

X Percentage: 70%

XII Percentage: 82%

SKILLS

Languages: JavaScript, Python, C++, C

Frontend: React.js, HTML5, CSS3, Tailwind CSS, Bootstrap

Backend: Node.js, Express.js, RESTful APIs

Databases: MongoDB, MySQL

Dev Tools: Git, GitHub, Docker, Postman, Linux CLI, Render

Security: JWT, Role-based Access Control (RBAC), OWASP Top 10 Awareness, Network Security

Others: WebSocket, OpenAI API, LLMs, CI/CD, Agile, DSA (C++)