ROHAN PAL

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EDUCATION

Indian Institute of Information Technology, Una   Una, Himachal Pradesh, India
Bachelor of Technology in Electronics and Communication Engineering   *Nov 2022 - Jul 2026*

EXPERIENCE

Full Stack Developer Intern   Jan 2025 - Jul 2025
Markvision   *Remote*
- Curated responsive MERN stack web apps, effectively conveying functionality and collaborating with team.
- Implemented JWT-based authentication and role-based access, securing data for 20+ users.
- Engineered indexes and refined data models within MongoDB, leading to a 30% decrease in CPU utilization during peak loads, ensuring stable application performance under pressure.
- Deployed apps on cloud with Git-based CI/CD for high availability.

Software Intern   Oct 2024 - Dec 2024
Kadit Innovations   *Remote*
- Developed and deployed 5+ new frontend and backend features, improving application usability for 1,000+ active users.
- Resolved 20+ technical issues by implementing scalable functionalities, reducing bug reports by 30%.
- Collaborated with a 6-member team to plan and deliver projects on schedule, submitting 3 detailed technical reports post-internship.
- Improved code quality by conducting 15+ reviews and systematic refactoring.

PROJECTS

Janhit | *React, Node.js, TypeScript, MongoDB, Docker*   Jan 2025 - Jul 2025
- Architected a scalable platform supporting thousands of users, ensuring efficient data flow and smooth feature integration across the stack.
- Curated responsive front-end features in React, enhancing user engagement and cutting page load time by **40%**.
- Containerized applications with Docker, streamlining deployment and reducing setup effort by **70%**.
- Facilitated map integration to deliver precise location details for 10+ users across the platform.

[Live Project](#) | [GitHub](#) | [Demo Video](#)

Boardify | *Node.js, Express, MongoDB, EJS, Passport.js, TailwindCSS*   Aug 2024 - Dec 2024
- Created a full-stack image-sharing platform with **200+ image uploads tested**, featuring captions, user profiles, and role-based privacy controls.
- Implemented **Passport.js authentication** with 100% protected routes, ensuring secure session-based access for all users.
- Designed a responsive UI with **TailwindCSS**, achieving a **95+ Lighthouse score** optimized for mobile and desktop.
- Streamlined queries and image handling, improving load speed and UX during peak usage.

[Live Project](#) | [GitHub](#) | [Demo Video](#)

TECHNICAL SKILLS

Languages: Java, C/C++, JavaScript (ES6+), Python, SQL (Postgres)
Web/Frameworks: React.js, Node.js, Express.js, Redux, Tailwind CSS, Bootstrap, REST APIs, JWT, Socket.io
Tools/Databases: Docker, Git & GitHub, PostgreSQL, MongoDB (Atlas), AWS (EC2, S3), Nginx, Vercel, Render
Testing/CI-CD: Jest, Postman, Mocha, Chai, GitHub Actions, Jenkins
Other Skills: Data Structures & Algorithms, System Design Basics, Agile Methodologies

AWARDS & ACHIEVEMENTS

- **Project Portfolio:** Engineered 3+ full-stack web apps including an E-commerce platform and civic engagement system using the **MERN stack**.
- Practiced Data Structures and Algorithms by solving over 250 problems in Java on GeeksforGeeks.
- **Vice President – Eunoia, IIIT Una:** Led mental wellness drives and organized 5+ campus-wide events.