Ashutosh Ranjan

MERN Stack Developer — Patna-Bihar, India — +91-8521514973 — kumarashu493@gmail.com

 GitHub — in LinkedIn — Portfolio — </> LeetCode

Summary

Full Stack (MERN) Developer with hands-on experience designing and delivering scalable, user-focused web applications. Proficient in React, Node.js, Express, MongoDB, and modern UI frameworks. Developed 6+ projects with 200+ active users, integrated 3rd-party APIs, and optimized performance. Strong problem-solving skills with 500+ DSA problems solved on LeetCode. Adept at version control, and end-to-end development.

Experience

DotPlus, Patna   Jan 2023 – Mar 2023
Web Development Intern

- Developed new features for *School Care*, a school management system.
- Designed a student dashboard integrating admit card generation, notes PDF, video tutorials, and WhatsApp-based queries.
- Implemented SMTP-based email confirmation on registration, reducing onboarding errors by 15%.
- Worked with ASP.NET, MS SQL Server, and Visual Studio for backend and database operations.

Projects

ShopVibe – E-Commerce Website   Live Link

- Built a modern MERN-based e-commerce platform with Google sign-in, voice search, PayPal payments, and secure JWT authentication.
- Integrated Nodemailer for automated email verification and password recovery.
- Optimized performance for concurrent users with responsive UI using Tailwind CSS and Framer Motion.

Language Quiz App   Live Link

- Developed an interactive quiz app integrating Google Translate API for real-time translations and audio playback.
- Implemented authentication, profile image upload, and multilingual support.
- Tech stack: TypeScript, React, Node.js, Express, MongoDB.

E-Commerce Dashboard   Live Link

- Created an admin panel for managing inventory, orders, and product listings via CRUD operations.
- Implemented secure JWT authentication and optimized image upload handling.

MeetSpace – Video Conferencing App   Live Link

- Built a WebRTC-based conferencing platform with real-time video, chat, and screen sharing.
- Integrated ZegoCloud UI Kit for seamless audio/video communication and React Three Fiber for immersive 3D UI.
- Enabled meeting creation/joining with chat and presentation features.

Education

Chandigarh University – MCA	CGPA: 8.3/10 - 2025
LNMI Patna – BCA	CGPA: 8.67/10 - 2023
Class 12th CBSE	72.4% - 2019
Class 10th CBSE	CGPA: 9.8/10 - 2017

Technical Skills

Languages: JavaScript, TypeScript, C++, HTML, CSS
Frontend: React.js, Redux Toolkit, Tailwind CSS, Material UI, Bootstrap
Backend: Node.js, Express.js, MongoDB, Mongoose, REST APIs, Nodemailer, ZegoCloud SDK
Tools & Platforms: Git, GitHub, Postman, VS Code, MongoDB Compass, Netlify, Vercel

Achievements

- Solved 500+ DSA problems on LeetCode (Profile)
- Hacktoberfest 2020 Contributor – 2 PRs merged.
- Google Cloud Study Jam 2021 – Participant.