PRIYANSHU KUMAR

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EDUCATION

Lakshmi Narain College of Technology, Bhopal — November 2022 – July 2026
B.Tech, Electronics and Communication Engineering (CGPA: 7.53)

Higher Secondary -BR DAV PUB SCHOOL, Begusarai — 2021
Class 12, CBSE (Percentage: 81%)

TECHNICAL SKILLS

Languages: Java, TypeScript, JavaScript, SQL

Technologies & Frameworks: Next.js, React.js, Express.js, Node.js, Tailwind CSS, Microservices Architecture, Nodemailer

Databases & ORM: MySQL, MongoDB, Mongoose

Cloud & DevOps: AWS (EC2, IAM), Docker(Basic), Containerization Concepts

Developer Tools: Git, GitHub, Postman, VS Code, IntelliJ IDEA

Deployment Platforms: Vercel, Render, Railway, Netlify, GitHub Pages

PROJECTS

SocietySync - Society Management Platform; *GitHub: Link* — November 2025
Node.js, Express.js, MongoDB, React, JWT
– Architected 20+ secure RESTful APIs with JWT and Passport.js for role-based access across 3 user roles; supported 100+ users and improved response time by 25%.
– Structured 5+ MongoDB schemas and paginated APIs for scheduling, tracking, and ticketing; implemented skill-based worker assignments and emergency calls, reducing resolution time by 30%.
– Optimized app performance by cutting API response time by 25%, refining frontend data fetching, and reducing bundle size by 40%.

AI ChatBot Web App; *GitHub: Link* — October 2025
Next.js, Node.js, Express.js, Socket.io, GenAI API
– Designed an intelligent chat interface enabling dynamic, real-time conversations using OpenAI API and Socket.io.
– Developed a modular backend with route-based architecture, middleware validation, and secure CORS setup for client-server communication.
– Built a responsive, scalable UI for real-time streaming and interactive AI chat experience.

Plotify - Movie & Media Database; *GitHub: Link* — October 2025
React.js, Redux Toolkit, TMDB API, Axios, Tailwind CSS
– Built a movie discovery platform integrating TMDB API with search, genre filtering, and dynamic content rendering.
– Implemented Redux state management and responsive UI using Tailwind CSS for seamless user experience.
– Optimized data fetching and component rendering for faster API response times and better scalability.

ADDITIONAL EXPERIENCE

- **Freelance Web Developer** — Developed and deployed an astrology consultation platform *(manjushamann.com)* using Node.js, Express.js, WhatsApp API; serves 30–50 daily active users.
- **Hackathon Participants** — Ranked in the Top 15 out of 500+ participants in a frontend hackathon conducted by Sheryians Coding School, Bhopal.
- Deployed Node.js/Express applications on AWS EC2 using Ubuntu, SSH access, and server monitoring.

AWARDS AND ACHIEVEMENTS

- Solved 300+ LeetCode problems demonstrating strong analytical and problem-solving skills.
- Secured 2nd position in Inter-College Robo Race Competition.