

# RAJU KUMAR

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## PROFESSIONAL SUMMARY

I am Full-stack developer with expertise in the MERN stack (MongoDB, Express.js, React, Node.js). Experienced in building scalable web applications, designing APIs, and developing responsive user interfaces. Proficient in cloud technologies, version control (Git), and agile development. Eager to contribute to innovative projects and further grow as a developer.

## PROJECTS

**AI-Powered Mental Health Tracker** 🧠 | *React, Redux, Node.js, OpenAI API, MongoDB, Chart.js* **Dec'24 - Ongoing**

- Built a user-friendly platform to track mental well-being using AI sentiment analysis.
- Designed an interactive dashboard with **Chart.js** to visualize mood history and trends.
- Implemented RESTful APIs for efficient data flow between the frontend and backend.

**VentureLink (Multi-Functional Listing)** 🌐🌐 | *Node.js, Express, EJS, MVC, MongoDB* **July'24**

- Deployed a scalable platform for shop , and tourist place listings with review functionality, following the MVC pattern.
- Secured user accounts and sessions using **Passport.js** and cookies.
- Enhanced interactivity with **Mapbox** for mapping and **Cloudinary** for media uploads.
- Ensured backend reliability through comprehensive **Postman API testing**.
- Hosted on Render with seamless database integration using MongoDB Atlas.
- Live at: <https://hello-india.onrender.com/listings>

**AI Trip Navigator** 🧠 | *Vite, React, ShadCN UI, Tailwind CSS, Firebase Firestore, Google Gemini API.* **Sep'24**

- Engineered an AI-driven web application for personalized trip planning
- Implemented Google OAuth for secure authentication
- Leveraged Google Gemini API to generate AI-driven itineraries.
- Curated hotel and restaurant recommendations, and integrated Google Maps for detailed location information.
- Streamlined trip planning for testing up to 30 users and improved their itinerary travel satisfaction.

## TECHNICAL SKILLS AND INTERESTS

**Languages:** Java , Python , JavaScript (ES6+) , MySQL

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

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

**Developer Tools:** VS Code , Git/GitHub , AWS , Postman , MongoDB Atlas

**Coursework:** Data Structures & Algorithms , Object-Oriented Programming (OOPS) , Database Management System

**Soft Skills:** Adaptability, Team Player, Work Ethics, Time Management, Problem-Solving Mindset

**Area of Interest:** Problem Solving, Development, Data Science, Cloud Computing, UI/UX Design, Podcasting, Cooking

## ACHIEVEMENTS

- **BrainQuest Hackathon 2.0:** Secured first place in a solo competitive hackathon organized by BIMTECH, Gr Noida.
- **WIEHack 5.0-** Led a 3-member team to successfully develop innovative project solutions, showcasing leadership, problem-solving, and project management skills under tight deadlines.
- **College Topper (XII Board Exam, 2019)**

## POSITION OF RESPONSIBILITY

**Project Coordinator at ITSEC (ECE)** **Jan'23 - Jan'24**

- **Role:** Coordinated multiple teams, assisted in code debugging and component integration to successfully complete final year projects.

**Member , Invision Club at ITSEC** **Aug'23 - Apr'24**

- Contributed to generating innovative ideas and solutions in technology and design.
- Gained experience in problem solving and enhancing team dynamics through organized events and challenges.

## EDUCATION

**I.T.S ENGINEERING COLLEGE GR. NOIDA**

*B.Tech In ECE ——— Percentage: 68%*

**R.S. COLLEGE MUZAFFARPUR**

*12th With PCM ——— Percentage: 80%*

**AKTU Lucknow**

*2020-2024*

**BSEB PATNA**

*2019*