

# Vikash Kumawat

Full Stack Developer (MERN + Next.js)

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## SUMMARY

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- Full Stack Developer with hands-on experience building scalable web applications and REST APIs using Next.js, Node.js, Express.js, MongoDB, and PostgreSQL. Experienced in optimizing backend performance, designing efficient database schemas, and implementing secure authentication systems. Strong focus on performance, scalability, and real-world problem solving.

## EXPERIENCE

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- **Mplus Soft** On-site  
*Software Developer Intern* Jan 2026 – Present
  - Built backend services for an eCommerce platform using Express.js and PostgreSQL, handling high-frequency API requests.
  - Optimized database queries and indexing, improving API response time and consistency by up to 25%.
  - Designed relational database schemas to enhance data retrieval efficiency and scalability.
  - Implemented JWT-based authentication and role-based access control to secure API endpoints.
  - Developed an admin dashboard using Next.js and Redux Toolkit, improving internal workflow efficiency.
- **Dass Water Solutions** Remote  
*Full Stack Developer* Apr 2025 – Jan 2026
  - Engineered a full-stack land listing platform using Next.js and MongoDB, supporting real-time property data management.
  - Integrated Google Maps API for location-based property search, improving user engagement and usability.
  - Developed a React Native mobile application, increasing platform accessibility across devices.
  - Designed REST APIs for handling property listings, user interactions, and geolocation-based queries.

## TECHNICAL SKILLS

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- Languages: JavaScript, TypeScript, Java, SQL
- Frontend: React.js, Next.js, React Native, HTML5, CSS3, Tailwind CSS
- Backend: Node.js, Express.js, REST APIs, JWT Authentication, API Security
- Databases: MongoDB, PostgreSQL, MySQL
- Tools: Git, Linux, AWS, GCP, Azure, Vercel

## EDUCATION

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- **Manipal University Jaipur** Jaipur, Rajasthan  
*Master of Computer Applications (MCA) — GPA: 7.57* Sep 2024 – Jul 2026
- **University Maharaja College** Jaipur, Rajasthan  
*Bachelor of Computer Applications (BCA) — 69.54%* Jul 2020 – Jul 2023

## PROJECTS

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- **AplaPlot** — Built a full-stack real estate platform using Next.js and MongoDB. • Implemented Google Maps API for location-based property search. • Designed scalable backend for managing property listings and user interactions.
- **GeoRadius News** — Developed a hyperlocal news platform using geospatial queries. • Enabled location-based content delivery within a defined radius. • Improved content relevance and user targeting.
- **Roadmint** — Created an AI-powered roadmap generator using LLM APIs. • Generated personalized learning paths based on user input. • Improved user engagement and learning efficiency.

## PUBLICATIONS

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- AI-Powered Roadmap Generator using Prompt Engineering — ICICSET 2025

## HONORS AND AWARDS

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- Runner-up — Hackathon, Biyani Girls College
- Runner-up — Skillathon, Parishkar College

## LEADERSHIP & VOLUNTEER EXPERIENCE

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- **Head of Tech Yuvas (IT Club)** Jaipur, Rajasthan  
*Leadership & Event Coordination*
  - Led a team of 10+ students and organized multiple technical events and workshops.
  - Coordinated seminars and college-level technical initiatives, improving student engagement.