Ricky Kumar

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Professional Summary

Enthusiastic Full Stack Web Developer proficient in the MERN stack, specializing in server-side APIs with Node.js and Express.js, and front-end components using React.js. Adept at leveraging Generative AI, optimizing MongoDB databases, and quickly learning new technologies. Strong collaboration and problem-solving skills.

Experience

Full-Stack Engineer & Technical Mentor, Kalvium (in collaboration with Lovely Professional University, Punjab)

- Conduct workshops and lectures for B.Tech CSE students on **Front-End (HTML, CSS, JS, React)**, **Back-End (Node.js, Express)**, **Full-Stack Development**, **OOP**, **DBMS**, and **MongoDB**, helping them gain strong practical and theoretical skills.
- Build and maintain **MERN-based academic platforms** to improve learning delivery, automate assessments, and track student progress. Mentor students on **end-to-end projects**, agile workflows, Git, code reviews, and testing, fostering professional engineering habits.
- Guide 150+ learners through resume reviews, aptitude prep, and mock interviews, enhancing their readiness for internships and placements. Collaborate with teams to embed **industry-relevant technologies and clean coding practices** into curriculum and projects.

Technical Skills

Programming Languages: JavaScript, HTML5, CSS3, C, C++
Frameworks & Libraries: React.js, Node.js, Express.js, Bootstrap, MongoDB, MySQL, Material-UI
Tools & Platforms: Git, GitHub, VS Code, Responsive Web Design, RESTful APIs, Agile Workflow
Soft Skills: Teamwork, Problem Solving, Adaptability, Mentoring, Time Management

Projects

Travel Trakerrs

- Developed a travel tracking web application to manage itineraries and bookings. Implemented front-end components using React.js for a responsive and interactive UI.
- Created RESTful APIs with Node.js and Express.js to handle user authentication and CRUD operations. Integrated MongoDB for database management and optimized queries for faster data retrieval.
- Enhanced user experience with dynamic filters, search, and map integration for travel locations.

Ghaghara Compilation

- Built a web platform for compiling and presenting local news, events, and articles. Designed interactive dashboards using React.js to visualize content dynamically.
- Managed backend APIs with Node.js and MongoDB for efficient data storage and retrieval. Implemented role-based access for content management and admin functionalities. Optimized performance and UI for desktop and mobile devices.

Travel with us

- Developed interactive JavaScript-based web pages focusing on front-end functionality. Implemented DOM manipulation and event handling for dynamic user interfaces.
- Applied CSS3 and Bootstrap to create visually appealing, responsive layouts. Conducted testing to ensure cross-browser compatibility and smooth user interactions.

Education

BA, RDS College, Muzaffarpur, Bihar	**2017-2020**
Full Stack Web Developer, Masai School	**2020**
MCA, Chandigarh University 2025	**2025-Ongoing**