Kartik Chauhan

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Summary

Results-driven full-stack developer with expertise in MERN stack. Proven track record of building scalable APIs, optimizing database performance, and delivering end-to-end solutions.

Experience

Software Engineer, Codementees – Bengaluru, IN   Sep 2024 – Present

- Built a Full-Stack Mentorship Platform using the MERN stack (MongoDB, Express.js, React.js, Node.js), enabling users to connect with tech mentors for coding mentorship, career advice, and educational content.
- Implemented Real-Time Messaging with Socket.io, facilitating seamless communication between mentors and mentees, boosting user engagement by 20%.
- Optimized database performance by 30% through efficient schema design and indexing, ensuring scalability for growing user traffic.

Backend Developer, Quitepaper – Bikaner, IN   July 2023 – Aug 2024

- Designed and developed a scalable library management system that features seat booking, CRM modules, and real-time notifications, including an automatic seat allocation algorithm that reduces booking conflicts by 30%.
- Integrated a Secure Payment Gateway for 500+ daily users, deployed the platform in Render with 99.9% uptime, and delivered 10+ new features to improve usability and engagement.
- Optimized system performance by implementing efficient algorithms and ensuring seamless integration across platforms, enhancing user satisfaction by 25%.

Software Engineer Intern, Pro Learning Tree – Chandigarh, IN   Jan 2023 – June 2023

- Developed a full-stack MERN web app for visa-related programs with RBAC, allowing super admins to manage institutes and user roles.
- Implemented features for institutes to upload educational content (audio, PDFs, MCQs, cue cards), manage student queries, track fees, attendance, and upload results. Also, college listing module with filters (course, country, city) to help users explore and apply to institutes.
- Utilized RESTful APIs, Agile methodologies, and Jira for scalable backend development, task management, and efficient project delivery.

Education

Punjab Technical University   Aug 2019 – July 2023
Bachelor of Technology (Computer Science and Engineering)

Skills & Technologies

Languages: JavaScript, HTML, CSS, , C++, SQL
Tools: Postman, JIRA, Git, , Docker, AWS, Kubernetes, MongoDB
Frameworks & Libraries: React.js, Node.js, Express.js, Redux, Bootstrap, Redux
Soft Skills: Collaboration, Problem-solving, Communication, Time management

Projects

Autonodeapi (Open-Source NPM Package) 🔗

- Developed autonodeapi, a Node.js package that automates the generation of CRUD APIs for Mongoose models, streamlining backend development.
- Integrated Swagger documentation (/api/docs) for automatic API reference, improving developer experience.

Jobgram 🔗

- A platform for job seekers to search and apply for jobs, and for recruiters to post job openings. Implemented advanced filtering and search functionality to enhance job discovery and application processes.
- Tech Stack: React, Node, MongoDB, Express, Vercel.

Hotel Booking 🔗

- Built a MERN stack hotel booking platform with Stripe integration, advanced filters, and seamless booking functionality.
- Tech Stack: React, Node, MongoDB, Express, Vercel, TypeScript.