Karan Chourasia

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EDUCATION

Lovely Professional University　　　　　　　　　　　　　　　　　Aug 2020 - Jul 2024
BTech. Computer Science　　　　　　　　　　　　　　　　　　　*Current CGPA: 8.14*

COURSEWORK

Courses: Data Structures & Algorithms, OOPs Concept, Full Stack Development, Android Development, Operating Systems, Computer Networks, Web Development

EXPERIENCE

Software Developer　　　　　　　　　　　　　　　　　　　September 2024 - Present
Alpheric, Noida

- Improved website testing workflows by managing Jira tickets and optimizing bug tracking processes, reducing issue resolution time by 20% and enhancing overall testing efficiency.
- Streamlined database management and data modeling, optimizing performance and accuracy of data-driven reporting systems, leading to a 14% increase in report accuracy.
- Designed and implemented dashboards and data strategies, delivering real-time insights.

Technical Operations Engineer　　　　　　　　　　　　　　　　Nov 2023 - July 2024
Corizo, Bengaluru

- Web Development: Developed and scaled web applications using HTML, CSS, ReactJs, Node.js, and MongoDB, optimizing API performance, which reduced load times by 20% and improved application scalability to handle 30% more users.
- Resolved critical backend issues and optimized database queries using SQL. Streamlined deployment processes with Git, Docker, and AWS, cutting deployment time by 25%.
- Business Strategy: Automated workflows using Python, improving operational efficiency by 40% through real-time data processing and reporting.

PROJECTS

Culinary Cruise | *React,Tailwind CSS, Node.js, MongoDB, Express, Stripe*　　　　Source Code

- Designed and developed an app to streamline food ordering and delivery, offering users an efficient, easy-to-use platform to browse menus, place orders, and securely pay through an integrated stripe payment system.
- Engineered a high-performance backend with Node.js and Express, integrated with MongoDB, achieving a 30% increase in user engagement through fast, reliable, and scalable operations.
- Enhanced application speed by optimizing load times by 25%, providing a seamless user experience across all devices and significantly improving overall user satisfaction in the fast-paced food delivery market.

Techno News | *React*　　　　　　　　　　　　　　　　　　　　　　Source Code

- Constructed a React-based web application that dynamically fetches and displays newsletters and posts from an external API, featuring a responsive user interface designed with React components for cross-browser compatibility and accessibility.
- Applied responsive design principles, leading to a 30% increase in mobile user engagement.
- Optimized API calls using async/await, reducing loading times by 15%.

SKILLS

Languages: C/C++, Python, SQL, HTML, CSS, Javascript, Dart
Libraries/Frameworks: React, Flutter, Tailwind
Tools/Platforms: VS Code, MS SQL, MS Excel, Replit
Back-end: Node JS, Express Js, Mongo DB
Cloud Computing/Devops: AWS, Git/GitHub

CERTIFICATIONS

Full Stack Web Development, 100xdevs Link　　　　　　　　　　　　　Apr 2024
Database Management System, Infosys Link　　　　　　　　　　　　　Jul 2023
Flutter Programming, Programming Pathshala Link　　　　　　　　　　Mar 2023
C++ and Data Structures and Algorithm, Fifth Force Link　　　　　　　　Jun 2022