Vivek Kumar

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Education

Cochin University of Science and Technology	May 2022
B.Tech in Electronics and Communication Engineering	*CGPA - 8.4*

Experience

PwC US	July 2022 – Present
NodeJs Backend Developer	*Bengaluru, Karnataka*

- Developed and optimized RESTful APIs using Node.js and Express.js, resulting in a significant 40% reduction in API response time and notable improvements in system performance.
- Optimized MongoDB database queries, reducing page load times by 15% and enhancing overall application performance.
- Collaborated with cross-functional teams, including product managers, designers, and QA engineers, to gather requirements and translate them into technical specifications, resulting in a 20% improvement in requirement clarity
- Actively participated in Agile development methodologies to deliver projects on time and collaborate effectively with the team

Projects

Chat-App | *React.js, Node.js, Express.js, WebSocket, MongoDb, JavaScript*

- Implemented features including instant messaging, user authentication, and data encryption to ensure secure and seamless communication.
- Used latest state management tool like **Zustand** to reduce complexity by 30%
- Implemented a real-time chat feature using WebSocket and Socket.io, enhancing user engagement and reducing response time.

ECommerce Website | *JavaScript, React.js, Node.js, Express.js, MongoDb*

- Implemented secure user authentication with **JWT** for data privacy
- Integrated with third-party services and APIs such as payment gateways (PayPal)
- Integrated features like search, filtering for user convenience.

Technical Skills

Languages: HTML,Javascript, Python, C++
Technologies: React.js, Express.js, jQuery Bootstrap, Node.js,
Database: MySQL, PL/SQL, MongoDB
Tools: VsCode, Eclipse, Git, GitHub
Concepts: Microservices, OS, DBMS, Object Oriented Programming, DataStructures , System Design basics