Mohammed Asan

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Summary

Computer Science student with hands-on experience in the MERN stack, Java, and SQL. Passionate about building scalable applications and solving complex problems with a strong foundation in backend architecture and database management. Solved 480+ LeetCode problems, reflecting solid problem-solving skills.

Skills

Frontend	React, Tailwind CSS	**Programming Language**	Java
Backend	Express.js, MongoDB, SQL	**Technologies & Tools**	Git,Github,Postman,ThunderClient

Projects

Drug Inventory and Supply Management System   May 2024
Role: Frontend Developer

Developed a comprehensive system to track and manage drug supplies across multiple pharmaceutical shops. Implemented an algorithm to calculate the shortest supply route for vendors, optimizing delivery time and logistics. Integrated a database to monitor stock levels, set reorder alerts, and manage vendor records for efficiency. Conducted system testing to ensure data accuracy and reliability across distributed locations.

Real-Time Chat Application   Jan 2024
Role: Full Stack Developer

Developed a real-time chat application using the MERN stack to enable seamless communication between users. Designed intuitive front-end interfaces with React, featuring user-friendly navigation and responsive layouts. Implemented MongoDB for efficient storage of user data and message history, ensuring real-time synchronization. Integrated WebSocket technology with Socket.IO to provide instant message delivery and live updates across connected users

Language Learning Platform   Sep 2024
Role: Backend Developer

Created a secure login system for a quiz application with React and Tailwind CSS for the front end. – Developed a back-end solution using Express.js and MongoDB to securely store and manage user credentials. – Integrated with EmailJS for authentication and account verification to enhance security. – Worked in collaboration with a team, ensuring seamless integration with the existing backend for the quiz page.

Stack Overflow Console-Based Simulation in Java   Sep 2024
Role:Project Lead

Developed a console-based simulation of Stack Overflow using Java, showcasing core functionalities like posting questions, answering, upvoting/downvoting, and user reputation management.

Implemented object-oriented principles (OOPs) such as Encapsulation, Inheritance, and Polymorphism to structure the application efficiently.

Education

Sri Shakthi Institute of Engineering and Technology
Bachelor of Computer Science CGPA - 7.57

Andrews Matriculation Hr Sec School
SSLC - 93%
HSC - 87%

Certifications

MERN Stack Training - Completed 15-Day Intensive Training Program
PGDCA - Successfully completed a comprehensive 1-year program

Area of Interest

– MERN Stack Development, LeaderShip, Problem Solving

Achievements

Solved 480+ problems on LeetCode, demonstrating strong problem-solving skills

Training   Sep, 2024

Rampex Technologies

Completed a 15-day intensive training program in the MERN Stack, focusing on the development of full-stack applications