

Mohammed Asan

9159722012

mohammedasan1480@gmail.com

linkedin.com/in/mohammedasan

github.com/mohammedasan/

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 500+ 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, Problem Solving

Achievements

Solved 500+ 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