Mohammed Abdur Rasheed

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Summary

Motivated and detail-oriented Computer Science student with a strong foundation in software engineering, full-stack development, and data structures & algorithms. Proficient in Java, JavaScript, React.js, and Node.js, with experience in building full-stack applications and working with databases. Passionate about solving real-world problems, continuously learning, and contributing to scalable and impactful projects. Actively seeking internships and full-time Software Engineering roles to collaborate with industry professionals and contribute to innovative, real-world projects

Skills

Frameworks: React.js, Node.js, Express.js, Bootstrap, Tailwind CSS
Languages: Proficient: Java, JavaScript   **Familiar:** C, C++, Python
Database: SQL, MongoDB, SQLite, DBMS
Cloud & DevOps: AWS, Docker
System Design: OOPS, Operating Systems, Computer Networks
Tools: Git, REST APIs, Postman, VS Code
CS Foundations: Data Structures, Algorithms, Competitive Programming

Education

Keshav Memorial Institute Of Technology	**2022 − 2026**
Bachelor of Technology in Computer Science	*CGPA: 8.67*
Sri Chaitanya Junior College	**2020 − 2022**
Intermediate (MPC)	*93.8%*
Sri Chaitanya Techno School	**2018 − 2020**
Secondary Education	*CGPA: 10*

Projects

Project-Volt – React, Express.js, Tailwind CSS, Firebase, ApexCharts, Chart.js, GeminiAI
https://github.com/iamabdurrasheed/Project-Volt
- Built a full-stack platform for managing and reviewing student projects with secure Firebase-based role authentication (Admin & Student).
- Developed RESTful APIs in Express.js for handling users, submissions, and project workflows, with protected routes and session logic.
- Integrated GeminiAI for intelligent code explanations and implemented Cosine Similarity for plagiarism detection in student submissions.
- Crafted visual dashboards using ApexCharts and Chart.js to present performance metrics, submission stats, and project overviews.
- Built a modern, responsive UI using React, Vite, and Tailwind CSS with features like drag-and-drop, speech recognition, and markdown rendering.
- Added capabilities such as project approvals, profile views, performance-based rankings, and advanced filtering/search for easy navigation.

Employee Experience Tracker – Node.js, Express.js, MongoDB, HTML, CSS, JavaScript
https://github.com/iamabdurrasheed/Employee-Management
- Built a secure employee management system with JWT-based authentication for Admin and Employee roles.
- Implemented a live experience tracker that recalculates current and total professional experience on each access.
- Included automatic age calculation from date of birth and dynamic formatting of experience in "X years Y months Z days".
- Admin panel supports listing all employees with full CRUD operations (view, update, delete) and detail inspection.
- Used MongoDB with Mongoose for data storage and bcrypt for password hashing to ensure secure access.
- Frontend designed with vanilla JS, HTML5, and CSS3 for responsive interaction and clean user experience.

Invoice Management API – Node.js, Express.js, SQLite
https://github.com/iamabdurrasheed/InvoiceManagement
- Developed a robust RESTful API for invoice management with currency conversion capabilities.
- Created endpoints for CRUD operations, payment tracking, and real-time currency conversion using ExchangeRate-API.
- Implemented efficient pagination and comprehensive data filtering to enhance user experience.

Certifications

- Java - Udemy [Certificate]
- JavaScript - Udemy [Certificate]
- ChatGPT & Prompt Engineering Mastery - Udemy [Certificate]