Muhammed Arshaq Tk

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Professional Summary

Full Stack Developer with hands-on experience designing, developing, and maintaining production-level web applications using the MERN stack (MongoDB, Express.js, React.js, Node.js). Strong foundation in backend REST API architecture, JWT-based authentication and authorization workflows, and frontend state management using modern JavaScript (ES6+). Experienced in building scalable codebases, optimizing application performance, and handling real-world edge cases while collaborating in team-driven development environments.

Experience

Full Stack Developer Intern — Bridgeon Solutions *Jun 2025 – Present*

- Contributed to the development and maintenance of production-grade web applications built using MongoDB, Express.js, React, and Node.js within a modular monolithic architecture.
- Designed and implemented secure RESTful APIs with JWT-based authentication, role-based authorization, and centralized error-handling mechanisms.
- Integrated backend services with frontend components, ensuring efficient state management, consistent data flow, and smooth user experiences.
- Refactored and optimized backend and UI logic to improve application reliability, performance, and maintainability across multiple modules.
- Collaborated closely with team members in an Agile development environment, participating in code reviews, debugging sessions, and feature iterations.

Projects

Bitezzo — Food Ordering Web Application (MERN Stack)

GitHub Repository

- Designed and developed a full-stack MERN food ordering application.
- Implemented RESTful APIs with JWT-based authentication and authorization.
- Structured backend using MVC architecture.
- Modeled MongoDB schemas using Mongoose.
- Built responsive UI using React, Tailwind CSS, and JavaScript (ES6+).
- Deployed frontend on Vercel and backend on Render.

CareerSync — Job & Recruitment Management Platform

GitHub Repository

- Designed and developed a production-ready recruitment platform.
- Implemented role-based access control using JWT authentication.
- Built modular monolithic backend with Node.js and Express.js.
- Developed reusable frontend components using React and TypeScript.
- Designed RESTful APIs with validation and centralized error handling.
- Deployed application on AWS with a production environment using Docker.

Education

Bachelor of Computer Applications (BCA) *2022 – 2025*

University of Calicut, Kerala

Technical Skills

Languages	TypeScript, JavaScript (ES6+)
Frontend	React, Redux, Tailwind CSS, Bootstrap, Responsive Design
Backend	Node.js, Express.js, REST APIs, JWT Authentication, MVC Architecture, Modular Monolithic Architecture
Database	MongoDB, Mongoose
DevOps / Cloud	AWS (EC2, S3 – basic), Docker (basic)
Tools	Git, GitHub, Postman, VS Code, Vercel, Render
Soft Skills	Problem Solving, Communication, Team Collaboration, Time Management