

MUHAMMED JAHAS CP

Full Stack Developer

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Profile

Full Stack Developer skilled in building dynamic, responsive, and high-performance web applications using **MongoDB, Express.js, React.js, and Node.js**. Experienced in developing clean, maintainable code and transforming business requirements into efficient, scalable solutions. Proficient in **frontend development with React** and **backend integration using Node.js and Express**, with strong knowledge of **database management in MongoDB**. Adept at problem-solving, debugging, and optimizing application performance for smooth user experiences. Familiar with **Git, GitHub**, and effective collaboration with cross-functional teams including designers and backend developers. Passionate about continuous learning, exploring modern web technologies, and building impactful digital solutions

Work Experience

MERN Stack Developer, Techolas Technologies, Calicut

05/2025 – Present
Calicut , India

- **Developed** interactive and reusable **React.js** components that enhanced usability, reduced code redundancy, and improved overall user experience through intuitive interface design.
- **Delivered** responsive, mobile-first layouts optimized for multiple devices and browsers, ensuring accessibility and a consistent experience for thousands of users.
- **Optimized** front-end performance by refactoring legacy code and streamlining component logic, resulting in improved application stability and faster load times.
- **Collaborated** with backend developers to **integrate RESTful APIs** using **Node.js** and **Express.js**, enabling real-time data updates and accelerating feature deployment cycles.
- **Implemented** modern UI frameworks and libraries such as **Bootstrap** and **Material UI**, maintaining clean, scalable, and maintainable code for long-term efficiency.
- **Worked with MongoDB** to design and manage structured, high-performing databases, ensuring reliable data handling across the application stack

Technical Skills

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|--------------|-------------|
| • JavaScript | • React.js |
| • Node.js | • HTML |
| • CSS | • Bootstrap |
| • MongoDB | • GitHub |

Soft Skills

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|-------------------|-------------------|
| • Problem-Solving | • Adaptability |
| • Communication | • Time Management |

Education

Bsc Computer Science, *University of Calicut*

08/2022 – 04/2025

Calicut , Kerala

Higher Secondary-Science, *S.M.M.H.S.S Rayirimangalam,Tanur*

2020 – 2022

Malappuram , Kerala

Projects

Library Management System – MERN Stack (Ongoing), *Techolas Technologies*

- Developed a **role-based Library Management System backend** using **Node.js, Express.js, and MongoDB** for managing books, users, and transactions.
- Implemented **RESTful APIs** for book management (Add, View, Update, Delete), user management, and search/filter functionality.
- Designed **MongoDB schemas** with Mongoose and handled data validation and relationships.
- Integrated **JWT-based authentication and authorization** for secure access control (Admin / User roles).
- Implemented **server-side error handling**, request validation, and structured API responses.
- Used **Git and GitHub** for version control and project tracking.
- Currently working on **frontend development using React.js**, focusing on responsive UI, routing, and API integration.
- Frontend UI and user experience enhancements are **in progress**.

Hotel Management System-React.js, *Techolas Technologies*

- **Developed a responsive hotel booking platform using React.js** with modules for room listing, booking confirmation, and reservation tracking.
- **Utilized React Hooks** such as useState, useEffect, and useContext for dynamic data handling, state management, and component reactivity
- **Implemented Context API for global state management** and **React Router** for seamless multi-page navigation
- **Enhanced user experience** with a clean, intuitive UI built using **React Bootstrap**, ensuring full responsiveness across devices.

Kerosene Store Management System, *Techolas Technologies*

- Developed a fully responsive web application using **React.js** to help store owners manage daily kerosene sales, stock levels, and customer records efficiently
- Implemented **modular pages** including Login, Add Sales, Sales List, Manage Stock, Report, and Staff Management.
- Used **React Router** for smooth navigation and **LocalStorage** for client-side data handling and persistence.
- Designed an intuitive and mobile-friendly **UI with React Bootstrap**, ensuring a seamless user experience.
- Built a **Report module** to generate and view **daily and monthly sales summaries**.
- Added functionality for **downloading sales data as PDF** and **managing stock updates dynamically**

Certificates

Python Developer Certification

Riss technologies - March 2025

Intustrial Visit- EMMRC(Educational Multimedia Research Center)

Calicut University - March 2025

Languages

- English
- Malayalam