

# Muhammed Jasir V

## MERN Stack Developer

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### SKILLS

#### FRONT-END

- React.js
- Redux
- Tailwind css
- HTML
- CSS
- Bootstrap

#### BACK-END

- Node.js
- Express.js
- Mongo-DB
- PostgreSQL

#### FAMILIAR

- Python
- Javascript
- AWS
- Git
- Nginx
- Django

#### INTEGRATIONS

- Stripe
- Cloudinary
- Multer
- Socket.io
- JWT(Json Web Token)
- Nodemailer

#### TESTING

- Postman

#### PROJECT MANAGEMENT

- Trello Board

### PROFESSIONAL EXPERIENCE

#### MERN Stack Developer,

BRIDGEON SOLUTIONS LLP

2023 – present | Calicut, India

Mernstack Development

### EDUCATION

#### Bachelor of Commerce with Computer

Applications,

University of Calicut ✍

Jun 2020 – Mar 2023

Calicut, India

### PROJECTS

#### High Hydration, Water Supply Management Liveproject ✍

May 2024 – present

High Hydration is an innovative solution designed to streamline the distribution of mineral water, allowing users to order water cans on a daily or weekly basis. The platform integrates three key modules: Admin, User, and Supplier, provide a seamless and efficient water supply chain

#### Technologies Used:

**Frontend:** React.js, Tailwind CSS, React PDF Renderer, Chart.js, React-Chartjs-2, React-Hot-Toast, Framer Motion

**Backend:** Node.js, Express.js, Socket.io

**Database:** MongoDB

**Authentication:** JWT

**Project Management:** Agile Scrum Methodology

#### Key Achievements

- Architected and Executed Core Components: Developed 7 core application components using MERN stack (MongoDB, Express.js, React.js, Node.js), which increased system performance by 30% and reduced server response time by 25%.
- API Development: Created and deployed RESTful APIs, reducing data retrieval time by 30% and facilitating seamless communication between the frontend and backend.
- Database Optimization: Managed and optimized a MongoDB database, improving query performance by 40% and reducing storage costs by 25%.
- Frontend Development: responsive and user-friendly interfaces with React.js and Tailwind CSS, increasing user engagement by 25% and reducing page load time by 35%, ensuring a seamless user experience.
- Testing and Debugging: Conducted thorough testing and debugging, reducing application bugs by 40% and improving performance by 30%, safeguard high security and 99.9% reliability.
- Cross-Functional Collaboration: Worked closely with cross-functional teams, including designers and project managers, to ensure project goals were met, delivering 95% of projects on time and within budget.
- Real-Time Communication: Integrated Socket.io for real-time communication between users and suppliers.
- Invoice Generation: Developed a robust monthly invoice generation system tailored for a 30-day billing cycle, specifically designed for water bill invoices. Developed an automated invoice numbering feature that streamlined the billing process, reduced tracking errors by 35%, and saved the finance team 25 hours per month
- Invoice Generation: Orchestrated React PDF Renderer to efficiently generate water bill invoices, increasing invoice generation speed by 40%.
- Live Chart Functionality: Leveraged Chart.js and React-Chartjs-2 to implement live data visualization, resulting in a 30% enhancement in data presentation and analysis.

beta ✍ site ✍

#### EchoSphere, Social-Media ✍

Mar 2024 – May 2024

- Engineered and deployed scalable backend API infrastructure with Node.js, Express.js, and MongoDB, boosting data processing speed by 30% and reducing server downtime by 20%.

## LANGUAGES

Malayalam

English

- Established efficient appointment scheduling and management models and views, integrating seamlessly with **React.js** and **Tailwind** for improved user experience.
- Revolutionized user interactions by integrating the Stripe API for secure monthly subscription payments, enhancing financial transaction ease and user trust.
- Optimized user experience with Node.js and Redis, achieving a 30% increase in satisfaction by automating tasks like overdue payment notifications and account blocking.
- Introduced real-time messaging with **Socket.IO**, fostering user engagement and collaboration, enhancing community interaction.
- Ensured system stability and security with rigorous validation, authentication, and authorization mechanisms, maintaining 90% reliability.
- **Technologies:**
- **Backend:** Node.js, Express.js, MongoDB, Redis
- **Authentication:** Custom
- **User Interface:** React.js, Bootstrap, Redux Toolkit, Material-UI
- **Payments:** Stripe API
- **Database Setup:** MongoDB

**Github-link** [🔗](#)

**E-COMMERCE, *Pets-Food App*** [🔗](#)

Jan 2024 – Feb 2024

### Developed features:

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- Led strategic implementation of an e-commerce site with React.js and Node.js, enhancing UX, cart functionality, and payment security.
- Streamlined data management with Cloudinary and Multer integration, boosting operational efficiency by 40%.
- Improved image upload speed by 40% and admin product management by 25%.
- Enhanced authentication security with 45% **JWT** integration.
- Implemented Stripe for faster checkout (20% reduction) and transaction efficiency.
- Utilized Bootstrap for responsive design, increasing user satisfaction by 25% and mobile conversion rates by 20%.
- Integrated **Stripe API** for secure monthly subscription payments.

- **Technologies:**
- Backend: Node.js, Express.js, MongoDB, Redis
- Authentication: JWT
- User Interface: React.js, Bootstrap, Redux Toolkit, Material-UI
- Payments: Stripe API
- Database Setup: MongoDB