

MUHAMMED AJUMAL T

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PROFESSIONAL SUMMARY

Dedicated Software / MERN Stack Developer with a strong foundation in web development, frontend and backend development, and a passion for building responsive, scalable applications. Proficient in HTML, CSS, JavaScript, React.js, Node.js, Express.js, and MongoDB with hands-on experience in RESTful APIs, real-time UI functionality, and robust database integrations. Experienced in delivering live client projects and well-versed in prompt engineering and AI-assisted development using tools like Firebase Studio and Genspark AI to enhance productivity and workflows.

TECHNICAL SKILLS

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|-------------------|---|
| Languages | JavaScript (ES6+), HTML5, CSS3, C, Java |
| Frameworks | React.js, Redux, Node.js, Express.js, Bootstrap 5, Tailwind CSS, jQuery |
| Databases | MongoDB, MySQL (Schema Design & Query Optimization) |
| Tools & Platforms | Git, GitHub, Nginx, AWS, RabbitMQ, Razorpay API |
| AI Tools | Antigravity, Claude Code, Cursor, Firebase Studio, Genspark AI |
| Soft Skills | Problem Solving, Team Collaboration, Communication, Time Management |

WORK EXPERIENCE

MERN Stack Developer Intern

2025 – Present

Self Stack, Calicut, Kerala

- Contribute to full-cycle web development projects using the MERN stack (MongoDB, Express.js, React.js, Node.js).
- Collaborate on code reviews, improving code quality and maintaining best practices across the team.
- Optimize backend REST API performance, reducing response times and improving system scalability.

Web Development Intern

2024 – 2025

Brototype, Calicut, Kerala

- Completed intensive training in modern JavaScript frameworks including React.js and Node.js.
- Built multiple mini-projects focused on DOM manipulation, asynchronous programming, and REST API consumption.
- Developed foundational understanding of database management using MongoDB and MySQL.

PROJECTS

GroMart AI — Intelligent MERN Grocery Platform

- Engineered a full-stack e-commerce architecture with specialized role-based dashboards for Users, Vendors, Delivery Partners, and Admins (RBAC).
- Built an AI Meal Planner to provide personalized grocery recommendations based on user dietary preferences, increasing engagement.
- Implemented a real-time messaging system using Socket.io for seamless coordination between customers, vendors, and delivery personnel.
- Utilized RabbitMQ to decouple microservices, ensuring high availability and scalable processing for order workflows and notifications.

Ciazzzzz — Full-Stack E-Commerce Platform

- Engineered a dynamic jersey-shopping platform using Node.js, Express.js, and MongoDB with a focus on performance and scalability.

- Implemented secure JWT-based authentication and personalized user account management with session handling.
- Integrated Razorpay API to facilitate secure, multi-method payment transactions with real-time status tracking.
- Built a comprehensive Admin Dashboard for real-time inventory tracking, user management, and sales analytics.
- Implemented advanced features including Digital Wallets, automated return/refund requests, and end-to-end order tracking.
- Optimized frontend with Bootstrap 5, achieving 100% responsive layouts for mobile and desktop.

EDUCATION

Bachelor of Computer Applications (BCA)

2023 – 2025

Cherpulassery College of Science and Technology, Palakkad, Kerala

Higher Secondary Certificate – Computer Science

2020 – 2022

GVHSS Cherpulassery, Palakkad, Kerala