

# Muhammed Savad

✉ savad3517@gmail.com ☎ 6235480201 **in** linkedin **G** Github </> leetcode

## Full Stack Developer

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I am a passionate Full Stack Developer with hands-on experience in building scalable web applications using modern technologies like React, Node.js, and TypeScript. I specialize in creating clean, efficient code and enjoy solving complex problems across both frontend and backend.

## Skills

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- **Front-End Development:** Javascript, Typescript, React.js, Redux.js, HTML/CSS, TailwindCSS, Bootstrap
- **Back-End Development:** Node.js, Express.js,
- **Databases:** MongoDB, PostgreSQL, Firebase
- **Tools:** Git, GitHub, Postman
- **Design:** Figma

## Projects

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### Logistics and Load-Matching Platform – MERN Stack, TypeScript, Repository 🔗 GitHub

- Designed and built a comprehensive logistics and load-matching platform using the MERN stack (MongoDB, Express.js, React.js, Node.js), enabling companies to post loads and transporters to find and bid on available shipments
- Backend built using Express.js with a repository architecture, following SOLID principles to ensure clean, maintainable, and scalable code.
- Implemented TypeScript for both frontend and backend development. Integrated Redux for state management, JWT for authentication and authorization, and Nodemailer for email functionalities.
- Utilized AWS S3 for media storage and Stripe for secure payment processing and subscription management.
- Enabled real-time chat functionality using Socket.IO for seamless communication.
- Used Tailwind CSS for UI styling, ensuring a responsive and modern design.

### E-Commerce Website – EJS, Node.js/Express.js, MongoDB, JavaScript, MVC Architecture 🔗 GitHub

- Developed a full-featured e-commerce platform with sophisticated management capabilities for products, categories, users, orders, offers, coupons, wallets, and wishlists.
- Integrated JWT for secure authentication, Razorpay for payment processing, and Nodemailer for OTP verification.
- Designed the frontend using EJS, implemented the backend with Node.js/Express.js, and utilized MongoDB for database operations, all following the MVC architecture.

## MINI PROJECTS

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### URL Shortener Web Application 🔗 GitHub

- Created a URL shortening platform with user authentication, allowing users to create and manage short links securely.
- Integrated JWT for authentication, implemented sign-up/sign-in functionality, and ensured secure access to URL management features.
- Built with the MERN stack using TypeScript, following clean code architecture for scalability and maintainability.

### User Management System 🔗 GitHub

Developed a full-stack user management system using React and Redux for the frontend, Express.js and MongoDB for the backend, and implemented JWT-based authentication for secure access control.

## Education

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### Prototype

Present

Built and delivered multiple hands-on full-stack projects by applying real-world development practices.

### University of Calicut

2022 - 2025

Bachelor of Commerce