

# SHIBILI P

MERN Stack Developer

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## PROFILE SUMMARY

A self-taught MERN Stack Developer with hands-on experience in building dynamic and scalable web applications. Proficient in developing full-stack solutions using MongoDB, Express.js, React.js, and Node.js, with expertise in RESTful API integration, state management, and modern web architectures. Passionate about delivering high-quality code and continuously enhancing skills in the ever-evolving tech landscape.

## TECHNICAL SKILLS

- **Programming Languages:** JavaScript, TypeScript
- **Backend Technologies:** Node.js, Express.js, EJS (for server-side templating), PostgreSQL, MongoDB
- **Frontend Technologies:** React.js, TailwindCSS, Bootstrap, HTML, CSS
- **Tools Platforms:** Git, AWS, Postman, Figma, NGINX
- **Other Technologies:** Redux, Zustand, Socket.io, Data Structures Algorithms, Nodemailer, Online Payment Integration

## PROJECTS

### CHAT APP – Real-Time Chat Application

[GitHub](#) [Live Demo](#)

**Chat App** is a real-time communication platform that allows users to exchange messages and images instantly.

- Built the front-end with React.js, enabling dynamic rendering, component-based architecture, and a smooth user experience.
- Implemented secure user authentication using **JWT**, allowing users to log in and engage in real-time conversations with other active users.
- Integrated **Socket.io** to power seamless, bi-directional communication for both text and image messaging.
- Enabled cloud-based image storage using **Cloudinary**, ensuring fast and secure media uploads.
- Utilized **Zustand** for efficient, lightweight state management with minimal boilerplate.
- Designed a responsive and intuitive user interface with Tailwind CSS, optimized for both desktop and mobile.
- **Tech Stack:** Node.js, Express.js, React.js, Socket.io, MongoDB, Zustand, Cloudinary, Tailwind CSS, Git.

### EYETREK – E-Commerce Website for Eyewear

[GitHub](#) [User](#) [Admin](#)

**EyeTrek** is a dynamic online store offering branded eyewear with a seamless shopping experience.

- Developed a full-featured e-commerce platform using **MongoDB, Express.js, Node.js, and EJS**, following the **MVC architecture** for clean and maintainable code.
- Implemented **JWT**-secured user authentication with admin-controlled user blocking/unblocking capabilities.
- Integrated OTP-based email verification for user registration and password recovery using **Nodemailer**.
- Built a robust product management dashboard for seamless inventory and content updates by the admin.
- Designed and optimized cart, wishlist, and coupon modules to boost user interaction and retention.
- Added advanced filtering and search functionality to streamline product discovery and user experience.
- Integrated **Razorpay** to enable secure, fast, and reliable payment processing.
- Implemented real-time sales analytics dashboards with daily, monthly, and yearly insights using interactive charts and graphs for informed business decisions.
- **Tech Stack:** MongoDB, Express.js, Node.js, EJS, Bootstrap, Multer, Razorpay, Nodemailer, Git.

## EDUCATION

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**Bachelor of Computer Applications (BCA)**  
Indira Gandhi National Open University, Calicut

2024 – present

**Computer Science**  
Vadi Husna Higher Secondary, Calicut

2020 – 2022

## TRAINING & PRACTICAL EXPERIENCE

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### **MERN Stack Development**

Sept 2023 – Feb 2025

Brototype, Kochi

- Built multiple full-stack projects simulating real-world development environments, gaining hands-on experience equivalent to 1.6 year in the industry.
- Covered key industry-relevant modules including JavaScript, TypeScript, React, Node.js, DBMS, RESTful APIs, and Git.
- Practiced Data Structures and Algorithms (DSA) regularly to improve problem-solving and coding efficiency.