

Melbin Mathew

MERN Stack Developer

Kannur, Kerala

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[Portfolio](#)

Profile Summary

MERN Stack Developer with experience in building and deploying **scalable web applications** using React, Node.js, Express, and MongoDB. Skilled in **clean coding, performance optimization, and problem-solving**. Collaborative team player passionate about learning and contributing to impactful projects.

Technical Skills

Languages:	JavaScript, TypeScript
Frontend:	React, React Native, HTML, CSS, Tailwind CSS, Bootstrap
Backend:	Node.js, Express, REST APIs, Firebase, gRPC
Database:	MongoDB, SQL Server
Version Control:	Git, GitHub
Cloud & DevOps:	Docker, Kubernetes, AWS, NGINX, Vercel, Render, Cloudinary
Architecture:	MVC, Repository Pattern, Microservices

Freelance Experience

CTS - Chiller Technical Solutions L.L.C (drchiller.com) 2025

- Developed the official website for a UAE-based HVAC and water chiller company.
- Implemented **responsive layouts** with light/dark themes and **SEO optimization** (Lighthouse scores improved performance and accessibility).
- Built CMS-friendly sections for services, team, and contact forms.
- Tech: React, Tailwind CSS, NGINX, Vercel deployment.

Projects

Prograbyte – E-learning and Blogging Platform

[Live](#) — [GitHub](#)

- Integrated **Stripe payments**, Google OAuth, JWT + refresh tokens.
- Implemented **live streaming and chat** using WebSockets + FFmpeg.
- Built **role-based dashboards** for admin, tutor, and student.
- Tech: Node.js, React, Redis, RabbitMQ, Cloudinary.

Glassics – E-commerce Website for Eyewear

[Live](#) — [GitHub](#)

- Integrated **Razorpay payments**, OTP login, cart, and checkout system.
- Deployed with Render.
- Tech: Node.js, MongoDB, Express, EJS, Multer, Bootstrap.

Mini Projects

ToDo App – Task Organizer	GitHub
MelTools – Tools like WebP converter, QR Code generation in one place	Live
Astute – PDF Viewer App	Live
User Management – CRUD App	GitHub
Netflix Clone – Movie Streaming UI	GitHub

Education

MERN Stack Development Bootcamp Calicut	2024–2025
BSc in Physics Kannur University, Kerala	2020–2023