

Anurudhan V

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Summary

Passionate MERN stack developer with a background in Electronics and extensive experience building modern web applications. Skilled in developing both monolithic and microservice-based architectures with a focus on clean, maintainable code and scalable solutions. Proficient in MongoDB, Express.js, React, Node.js, and supporting technologies. Combining technical expertise with strong problem-solving abilities and a commitment to continuous learning to deliver high-quality, user-centric applications.

Skills & Expertise

Programming Languages: JavaScript TypeScript Python SQL C

Frontend Development: React.js Redux HTML5 CSS3 Tailwind CSS Bootstrap Responsive Design

Backend Development: Node.js Express.js REST APIs Socket.IO JWT Authentication

Databases: MongoDB Mongoose PostgreSQL MySQL Firebase

DevOps & Tools: Git GitHub Docker Kubernetes Postman VS Code AWS (Basics)

Architecture & Concepts: Data Structures & Algorithms Clean Architecture Microservices Monolithic Architecture Code Optimization Deployment & Hosting

Professional Training

Brototype, Kerala *Full-Stack Web Development (MERN Stack)*

Nov 2023 – Present

- Developed two production-ready web applications: one using monolithic architecture and another using microservices
- Mastered the MERN stack through hands-on application of industry-standard practices in scalable full-stack projects
- Received weekly code reviews from industry professionals, ensuring alignment with current development standards
- Implemented CI/CD workflows using Git, GitHub, Docker, and Kubernetes for efficient development and deployment

Education

Calicut University *B.Sc in Electronics*

Jul 2020 – Apr 2023

- GPA: 6.7/10.0
- **Relevant Coursework:** Data Structures, Python Programming, Digital Electronics, Microprocessors, Microcontrollers, Electronic Instrumentation

Major Projects

EduSprint – E-Learning Platform (Microservices)

EduSprint Repository [🔗](#)

- Architected a scalable e-learning platform with microservices supporting three distinct user roles: students, instructors, and administrators
- Implemented comprehensive admin dashboard for user management, course categories, and promotional banners
- Developed instructor portal for course creation, assessment management, and student engagement via real-

time chat

- Integrated Stripe payment gateway for secure course purchases and implemented Google OAuth for streamlined authentication
- Deployed services using Docker containers orchestrated with Kubernetes for horizontal scaling and high availability
- **Tech Stack:** MongoDB, Express.js, React, Node.js, Docker, Kubernetes, Stripe, Google OAuth, Git

Yumi-Tees – E-Commerce Platform (Monolithic)

Yumi-Tees Repository [↗](#)

- Developed a comprehensive e-commerce platform specialized in custom t-shirt sales with distinct admin and user interfaces
- Built robust product management system for admins to handle inventory, pricing, and order fulfillment
- Created intuitive user experience for browsing products, cart management, and checkout using the Razorpay payment gateway
- Implemented server-side rendering with EJS templating engine for optimized performance and SEO benefits
- **Tech Stack:** MongoDB, Express.js, Node.js, EJS, Razorpay, Google OAuth, Git

Mini Projects

Netflix Clone – Streaming Platform UI

Netflix Clone
Repository [↗](#)

- Recreated the Netflix user interface with responsive design for seamless viewing across desktop and mobile devices
- Implemented user authentication and profile management using Firebase Authentication
- Utilized Redux for state management and Firebase Realtime Database for storing user data and watch history
- **Tech Stack:** React.js, Redux, Firebase (Authentication, Realtime Database), CSS3, Git

OLX Clone – Classified Ads Platform

OLX Clone Repository [↗](#)

- Built a functional classified ads platform allowing users to post and browse product listings
- Implemented location-based search functionality and user authentication system
- Created responsive interface that adapts to various screen sizes
- **Tech Stack:** React.js, Context API, Firebase Storage, CSS3, Git

Portfolio & Kopiko Website Clone

Portfolio & Kopiko Clone
Repository [↗](#)

- Designed a personal portfolio website showcasing projects and technical skills
- Created clone of Kopiko website with responsive design across all device sizes
- Incorporated CSS animations and transitions for enhanced user experience
- **Tech Stack:** HTML5, CSS3, Bootstrap, JavaScript, Git