

ANANTHAPADMANABHAN M

Full-Stack & App Developer

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GitHub | LinkedIn | Portfolio

Professional Summary

Full-stack and app developer building production-ready web and mobile applications with **TypeScript, React, Next.js, Node.js, PostgreSQL, MongoDB, and React Native**.

Technical Skills

- **Languages:** JavaScript (ES6+), TypeScript, PHP, Go, HTML5, CSS3
- **Frontend:** React, Next.js, React Hooks, Astro, Vite, Tailwind CSS, Bootstrap, Canvas API
- **Backend:** Node.js, Express.js, REST APIs, GraphQL, Socket.IO, Authentication, Middleware, Prisma, Sequelize, Payload CMS
- **Mobile:** React Native, Expo, Expo Router, React Native Reanimated, Cross-Platform Development
- **Databases:** PostgreSQL, MongoDB, MySQL, SQLite, Database Design, Query Optimization, Schema Migration
- **DevOps & Tools:** Git, GitHub, Linux, NGINX, Docker, Postman, npm, yarn, VS Code

Experience

Freelance — Full-Stack Developer

2025 – Present

- Engineer and maintain end-to-end web applications across the **full software development lifecycle**, from schema design to production deployment.
- Develop responsive frontends, backend APIs, authentication systems, database models, and real-time communication features.
- Design and integrate **PostgreSQL and MongoDB** data models for production applications.
- Configure and deploy applications on **Linux VPS environments using NGINX reverse proxy**.

Selected Projects

School CMS — Sree Narayana Public School

Next.js / Payload CMS / PostgreSQL / NGINX

Live / GitHub

- Built and delivered a production institutional website and administrative CMS for a school in Kerala.
- Developed a custom **Next.js frontend**, Payload CMS administration layer, and structured PostgreSQL backend.
- Configured production deployment and reverse proxy infrastructure using **NGINX**.

School CMS — Sree Budha Central School

Next.js / Payload CMS / PostgreSQL / NGINX

Live / GitHub

- Built and delivered a full institutional website and administrative CMS for a CBSE school in Kerala.
- Developed a structured **PostgreSQL-backed content management system** using Payload CMS.
- Configured production deployment and web server infrastructure using **NGINX**.

PropEase — Real Estate Platform

React / Node.js / MongoDB / Socket.IO

Live / GitHub

- Developed a full-stack real estate platform with authentication, property listings, advanced filtering, and user communication.
- Implemented **real-time chat using Socket.IO** and backend services with MongoDB.
- Built responsive interfaces for browsing, filtering, and managing property data.

Ezhuth — Real-Time Collaborative Whiteboard

React / Node.js / Socket.IO / Canvas API

Live / GitHub

- Built a real-time collaborative whiteboard with **WebSocket synchronization** for multi-user interaction.
- Implemented dual-canvas rendering optimized for smooth interactive drawing.
- Designed the client-server communication layer using **Node.js and Socket.IO**.

Education

Master of Computer Applications (MCA)

2025 – 2027

Mar Athanasios College for Advanced Studies (MACFAST)

Bachelor of Computer Applications (BCA)

Graduated 2025

Kristu Jyoti College of Management and Technology