

Muhammed Ajnan P

Full Stack Developer

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Professional Summary

Full Stack Developer with ~3 years of experience architecting and delivering scalable web and mobile applications using Next.js, React, React Native, Node.js, PostgreSQL, and MongoDB.

Proven ability to build production-grade systems, including a business operations platform managing 17,000+ transactions and a high-traffic portal serving 10,000+ users.

Strong expertise in frontend architecture, system design, performance optimization, and API engineering, with a track record of owning products end-to-end.

Technical Skills

Frontend: React, Next.js, React Native, Tailwind CSS, Zustand

Backend: Node.js, Express.js, NestJS, REST APIs, GraphQL, tRPC

Databases: MongoDB, PostgreSQL, Prisma, Redis

Tools: Git, CI/CD, Inngest, FCM, EAS Updates

Languages: JavaScript, TypeScript

Design: Figma, UI/UX Design, Photoshop

Work Experience

Frontend Developer

Amset Academy LLP — Kochi

Contract (Remote) | Feb 2025 – Present

- Delivered two cross-platform mobile applications using React Native (Expo)
- Engineered secure authentication flows, certificate generation, and placement workflows
- Built a web platform using Next.js for training and job management
- Integrated APIs, push notifications, and OTA updates for production environments
- Structured scalable frontend architecture using TypeScript, Zustand, and Zod

Full Stack Developer (Frontend Lead)

Thelicham Monthly — Chemmad, Kerala

Part-time (Onsite) | Jan 2023 – Jan 2026

- Led frontend engineering for a digital webzine platform transitioning from print to web
- Architected web and admin platforms using Next.js, TypeScript, and Tailwind CSS
- Integrated GraphQL APIs with optimized client-side data handling
- Collaborated with backend teams to refine API design and data flow
- Built multimedia publishing workflows, subscription systems, and admin tools
- Mentored interns and modernized legacy systems (WordPress, React + PHP)

Full Stack Developer

Zaad Business Documents Solutions — UAE

Contract (Remote) | Dec 2023 – Jun 2024 (Ongoing maintenance)

- Architected and delivered a business operations and accounting platform end-to-end

- Transformed manual Excel-based workflows into a scalable digital system
- Engineered backend APIs and data models supporting 17,000+ transactions and 650+ clients
- Designed document lifecycle tracking for renewals, expiries, and compliance workflows
- Implemented financial modules including invoicing, expense tracking, and reporting dashboards
- Established Role-Based Access Control (RBAC) for secure multi-user access
- Optimized frontend performance using React Query and efficient caching strategies
- Maintained and enhanced system reliability in production environments

Frontend Developer

SIBĀQ '25 – Darul Huda National Arts Fest

Part-time (Onsite) | Nov 2024 – Jan 2025

- Delivered an official website and result portal serving 10,000+ users
- Engineered scalable frontend systems using React, TypeScript, Tailwind, and GraphQL
- Designed reusable components supporting 400+ programs
- Enhanced performance for high-traffic result publishing scenarios

Projects

AI Workflow Automation Platform (In Progress)

- Building a type-safe, event-driven automation platform using **TypeScript and Next.js**
- Architecting workflow execution with **React Flow and Inngest**
- Designing a robust data layer using **PostgreSQL with Prisma ORM**
- Ensuring end-to-end type safety with **tRPC and Zod**
- Integrating **AI-driven** workflows via **Vercel AI SDK**
- Implementing authentication (**Better Auth**) and billing (**Polar**)
- Status: ~50% complete

Education

Master's Degree

Darul Huda Islamic University – Kerala

Apr 2024 – Feb 2026

Bachelor's Degree

University of Calicut – Kerala

May 2022 – Apr 2025

Awards & Achievements

- **Hackathon Winner (1st Prize):** GTA Sand shores Hackathon (Kerala Knowledge Economy Mission & Mulearn Foundation) – Nov 2023
- **Web Development Competition Winner (1st Prize):** Realia'23 Web Development Competition (ASAs DHIU) – Dec 2023
- **Website Design Competition (3rd Prize):** QUL'23 Web Design Competition (ASAs DHIU) – Jan 2023

Certifications

- **Frontend Developer (React) Certificate** – HackerRank
Credential ID: 21645e01f401
- **React Certificate** – HackerRank
Credential ID: bb7ed9580fcb