

ASWIN ER

Associate Full Stack Developer

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PROFESSIONAL SUMMARY

Associate Full Stack Developer with expertise in **scalable MERN and Next.js products**, secure APIs, real-time communication, and production systems. Proficient in agentic AI, RAG, and coding agents to accelerate development while maintaining quality and security.

SKILLS

Programming: JavaScript, TypeScript, HTML5, CSS3

Frontend: Next.js, React.js, Redux, React Native, Tailwind CSS, TanStack Query

Backend: Node.js, Express.js, REST APIs, JWT Authentication

Databases & Cache: MongoDB, PostgreSQL, Redis

Integrations: Razorpay, PayPal, Stripe, CC Avenue, Firebase, Socket.io, Zoho Forms, Agora

Tools & AI: Git, Docker, AWS, Vercel, Postman, Codex, Agentic AI, RAG

PROFESSIONAL EXPERIENCE

Full Stack Developer, WEBCASTLE MEDIA PVT LTD

Aug 2024 - Present · Kochi, Kerala

- Engineered and maintained **5+ production MERN and Next.js applications** supporting more than 200K users across e-commerce and communication platforms
- Improved application performance by **up to 30%** through database-query optimization, faster APIs, caching, and frontend-rendering improvements
- Designed secure authentication and authorization using JWT, role-based access control, **protected routes**, and server-side validation
- Integrated **payment gateways, CRM platforms, communication services, and third-party APIs** for reliable business-critical workflows
- Implemented agentic AI, RAG, and coding agents such as Codex with precise prompting to accelerate repetitive development and debugging while **retaining human review** for quality, security, and accuracy

Full Stack Developer, RIPPLE MIND PVT LTD

Sep 2023 - Aug 2024 · Bangalore, Karnataka

- Delivered full-stack enhancements to **an auction platform serving more than 1,000 monthly active users**
- Optimized backend efficiency by **20%** through service architecture and API restructuring
- Enhanced frontend responsiveness, contributing to a **15% reduction in bounce rate**
- Spearheaded feature delivery in Agile teams to ship **production-ready features on schedule**

PROJECTS

KOTTAKKAL AVS · Next.js, TypeScript, E-commerce

- A **scalable commerce experience** designed for clear product discovery and secure checkout.
- Built the frontend with Next.js and TypeScript; improved categorization, navigation, and secure payment workflows.

YATEEM OPTICIAN · MERN, E-commerce, Production, Multilingual

- A **multilingual, multi-store commerce platform** supporting regional storefronts through scalable architecture.
- Built features across regional storefronts and improved multilingual UX, UI consistency, and backend maintainability.

MIND RELAX · Node.js, Express, Agora, Real-time, REST APIs

- A **real-time voice and video calling application** powered by scalable backend services.
- Developed authentication, user-management, and calling APIs; integrated Agora; optimized call performance and reliability.

CIGNA COMMUNICATIONS · Node.js, Express, Agora, REST APIs, Real-time

- A **scalable internet-calling platform** serving more than 20K active users.
- Developed calling and user-management APIs, improved backend performance, and integrated Agora and communication services.

FITNESS FIRST · Next.js, SSR, Zoho Forms, Vercel

- A **production fitness platform** with server-rendered experiences and dependable business integrations.
- Built SSR routes, integrated Zoho Forms for lead capture, implemented API routes, and deployed the application on Vercel.

VPerfumes · MERN, E-commerce

- Ongoing feature delivery for a live commerce platform built to evolve safely at scale.
- Developed new production features and enhancements.
- Collaborated across the team on maintainable delivery.

EDUCATION

Master of Computer Applications, Cloud and DevOps, Jain University

Jun 2026 - Present

Bachelor of Commerce, Computer Application, University of Calicut

Jan 2019 - Jan 2022