



Arunjith K S

Full Stack Developer (MERN)

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PROFILE SUMMARY

Full Stack Developer with experience building scalable, production-ready web applications using **React, Next.js, Node.js, Express.js, TypeScript, MongoDB, and PostgreSQL**. Experienced in leveraging modern **AI-powered development tools** such as Claude, Codex, Cursor, and Antigravity to accelerate development, improve code quality, and enhance software delivery. Passionate about writing clean code, designing reliable systems, and delivering high-quality user experiences.

SKILLS

Languages: JavaScript (ES6+), TypeScript

Frontend: React, Next.js, HTML5, CSS3, Tailwind CSS, Bootstrap, Redux, Zustand

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

Databases: MongoDB, PostgreSQL, MySQL

API & Security: RESTful Design, RBAC, Access & Refresh Tokens, Webhooks

Real-Time: Socket.IO, WebRTC

Integrations: Razorpay, Stripe, Google APIs, Git APIs, OpenRouter API, Cloudinary, Google OAuth, Git OAuth

Cloud & DevOps: Docker, AWS (EC2, S3, Amplify), Nginx, CI/CD Pipelines, Render, Vercel

AI Development Tools: Claude, Codex, Cursor, Antigravity

Core Concepts: Clean Architecture, Repository Architecture, MVC, SOLID, OOP, DSA

PROJECTS

DevCollab — Developer Collaboration & Project Management Platform

[Live Link](#) - [Frontend](#) - [Backend](#)

A full-stack collaboration platform integrating project creators and contributors into a single ecosystem with **AI-powered matching** and **real-time interaction**.

- Built with **Next.js, Node.js**, and **MongoDB** following **Clean Architecture** principles.
- Multi-user onboarding with **role-based collaboration** workflows and **Kanban task management**.
- Automated **GitHub integration** using **GitHub OAuth** and Git APIs for repository linking.
- Real-time group video calls via **WebRTC** and peer-to-peer connections.
- Implemented **JWT authentication**, RBAC, and a secure **escrow payment workflow** using **Stripe Webhooks** for automated fund release after task approval.
- Built an **AI Contributor Recommendation Engine** using **OpenRouter API** to match developers with projects.
- Deployed on **AWS** using **Docker** and automated **CI/CD pipelines** with GitHub Actions.

FashionKart — Full-Stack E-Commerce Platform

[Live Link](#) - [GitHub](#)

A scalable clothing marketplace focused on high performance, clean user experience, and secure commercial workflows.

- Built with **Node.js, Express.js, EJS**, and **MongoDB** following **MVC architecture**.
- Responsive storefront with session-based authentication, cart, wishlist, and real-time order tracking.
- **Secure payment** flows and instant refund handling using **Razorpay** integration.
- Advanced admin dashboard for managing catalog inventory, orders, analytics, and promotional coupons.
- Custom **wallet system** and optimized engine for category-specific and product-specific discounts.
- Deployed and configured the platform architecture on **AWS**.

MINI PROJECTS

- **Image Gallery** — React, Node.js, MongoDB — [Live](#)
A full-stack gallery application supporting user authentication, bulk image uploads, and drag-and-drop reordering with edit/delete capabilities.
- **QR Code Generator** — React, TypeScript — [Live](#)
A tool for generating custom QR codes with integrated branding options, such as adding logos in the center.
- **OpenNow** — Next.js, MongoDB — [Live](#)
A real-time availability platform that eliminates public confusion by verifying if shops or services are currently open, reducing user travel time.

EDUCATION

- **Full Stack Engineering Program** Oct 2024 – May 2026
Brototype, Calicut [Certificate](#)
- **Higher Secondary Education (Computer Science)** 2022 – 2024
GHSS Bandadka

LANGUAGES

English, Malayalam, Hindi, Tamil.