

ARUN A

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PROFESSIONAL SUMMARY

Full Stack Developer with hands-on experience building **production-ready MERN applications** and **AI-powered solutions**. Delivered **real client projects generating revenue** and solved **200+ algorithmic problems**, with strong problem-solving and system design foundations.

EDUCATION

Sri Shakthi Institute of Engineering and Technology <i>B.E. Computer Science and Engineering — CGPA: 8.29</i>	Coimbatore, India Sept 2023 – Present
– Relevant coursework: Data Structures and Algorithms, Database Management Systems, Object-Oriented Programming, Operating Systems, and Computer Networks.	

TNSS Gandhi Vidhyalaya Higher Secondary School <i>Higher Secondary Education (Computer Science) — 89.5%</i>	Tirupur, India Jun 2022 – Mar 2023
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ACHIEVEMENTS

- Top 25 Finalist, **TruthTell Hackathon (HackerEarth)**, Apr 2025 — Built *Falo AI*, a real-time misinformation detection platform; represented the team at the Grand Finale in New Delhi.
- Winner, **Web Defost Event** at Kongu Engineering College, 2025 — Web Development competition.
- Won non-technical events at the inter-college fest **KALAM**.
- **District-level Football Champion**; Division-level Runner-up in Tamil Nadu (2023).
- Delivered production-ready web applications for **La Patisserie**, **Luxor Holiday Homestays**, and **Casual Clothings**, generating over **30,000** in client revenue.
- Published a research paper titled "**Cinematic Popcorn Park as CineMax**" in the **International Scientific Journal of Engineering and Management (ISJEM)**, May 2025.
- Solved **200+ algorithmic problems** across LeetCode and HackerRank. Profile: codolio.com/profile/arun_743
- Certifications: Java (NPTEL — 79%), Web Development (Udemy), GitHub Foundations (GitHub Skills — 88%).

TECHNICAL SKILLS

- **Programming Languages:** C, Java, JavaScript
- **Web Technologies:** HTML, CSS, React, Redux, Tailwind CSS, Bootstrap, EJS
- **Backend Development:** Node.js, Express.js, RESTful APIs, JWT Authentication, WebSockets
- **Databases:** MongoDB, MySQL, Firebase Firestore
- **Developer Tools:** Git, GitHub, Postman, Firebase, VS Code, IntelliJ IDEA
- **Deployment & Infrastructure:** Vercel, Netlify, Cloudflare

EXPERIENCE

Full Stack Developer — Desserts Platform (User & Admin Consultant) <i>La Patisserie, Coimbatore</i>	Sep 2025 – Nov 2025
– Architected and deployed a MERN-based e-commerce platform with separate user and admin workflows. – Designed a modern, fully responsive user interface for a seamless shopping experience across all devices. – Engineered product listings, cart, wishlist, order management, and RESTful backend APIs. – Built admin-configurable delivery zone validation to restrict orders outside serviceable locations. – Integrated Razorpay payment gateway and deployed the application to production: thelapatisserie.vercel.app .	
Frontend Developer — Villa Booking Platform (User Modules Consultant) <i>Luxor Holiday Homestays, Chennai</i>	Jun 2025 – Aug 2025
– Crafted the React frontend including homepage, villa listings, detail pages, and contact modules. – Designed reusable UI components with Redux state management for smooth navigation and user experience. – Optimized image loading and search performance, improving page load times: luxorholidayhomestays.com .	
Full Stack Developer — Clothing Platform (User & Admin Consultant) <i>Casual Clothings Fashion Pvt Ltd, Tirupur</i>	Jan 2025 – May 2025
– Built a MERN-based clothing and T-shirt ordering platform with role-based admin controls. – Designed frontend UI including homepage, product page, product display page, address, and payment flow pages. – Executed inventory management, order lifecycle tracking, and product CRUD operations. – Streamlined bulk and custom order workflows to support large-scale purchases: casualclothings.shop .	

PROJECTS

AI Travella React, Firebase	Apr 2025 – Jun 2025
<ul style="list-style-type: none">– Created an AI-powered travel planning platform that generates personalized trip itineraries.– Integrated hotel recommendations, real-time weather data, transport options, and Google Places API.– Built social features with public/private trip sharing (Instagram-style), comments, and follow system.– Developed Travello Bot for travel recommendations and queries without generating a full trip.– Live: ai-travella-duag.vercel.app Source: github.com/Arunarivalagan743/AI_Travella	
HealIQ React Native, Node.js, MongoDB	Aug 2025 – Oct 2025
<ul style="list-style-type: none">– Constructed a mobile-first clinic appointment management system for doctors and patients.– Enabled patients to book doctors based on available time slots with automated reminder notifications.– Built digital prescription management allowing doctors to create and patients to access prescriptions easily.– Secured patient records (age, medical history) with JWT authentication and encrypted data storage.– Source: github.com/Arunarivalagan743/HealQ	
CineMax MERN, Socket.IO	Oct 2024 – Dec 2024
<ul style="list-style-type: none">– Designed an online movie ticket booking system with real-time seat selection.– Deployed Socket.IO-based seat locking to handle concurrent bookings and avoid conflicts.– Built payment management, booking management, and movie CRUD operations for complete theater workflow.– Constructed admin dashboards for show scheduling, movie management, analytics, and user management.– Live: cinimax.vercel.app Source: github.com/Arunarivalagan743/Cinematic-popcorn-Theatre-Experience	

ADDITIONAL INFORMATION

- **Languages:** English, Tamil
- **Hobbies:** Drawing, Reading Books, Cricket, Kabaddi, Football