Arun A

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EDUCATION

Sri Shakthi Institute of Engineering and Technology — Coimbatore, India
*B.E. Computer Science and Engineering — **CGPA: 8.25*** — 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 — Tirupur, India
*Higher Secondary Education (Computer Science) — **89.5%*** — Jun 2022 – Mar 2023

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.
- Delivered production-ready web applications for **La Patisserie**, **Luxor Holiday Homestays**, and **Casual Clothings**, generating over **Rs 30,000** in client revenue.
- Participated in the **Astronova Coding Event (CIT, 2025)**, **Kongu enginnering college (Web Defost event 2025).**
- 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%).
- Organized and coordinated technical and non-technical events for the inter-college fest **KALAM**.
- District-level Football Champion; Division-level Runner-up in Tamil Nadu (2023).

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) — Sep 2025 – Nov 2025
La Patisserie, Coimbatore
- Designed and deployed a **MERN-based e-commerce platform** with clearly separated **user and admin workflows**.
- Implemented **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) — Jun 2025 – Aug 2025
Luxor Holiday Homestays, Chennai
- Developed the **React frontend** including **homepage, villa listings, detail pages**, and **contact modules**.
- Created **reusable UI components** and managed **state** 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) — Jan 2025 – May 2025
Casual Clothings Fashion Pvt Ltd, Tirupur
- Built a **MERN-based clothing and T-shirt ordering platform** with **role-based admin controls**.
- Implemented **inventory management, order lifecycle tracking**, and **product CRUD operations**.
- Developed **bulk and custom order workflows** to support **large-scale purchases**: `casualclothings.shop`.

PROJECTS

AI Travella | React, Firebase — Apr 2025 – Jun 2025
- Developed an **AI-powered travel planning platform** that generates **personalized trip itineraries**.
- Integrated **hotel recommendations, real-time weather data, transport options**, and **Google Places API**.
- Implemented **social features** including **trip sharing, comments, follow system**, and **follow-request approvals**.
- **Live**: `ai-travella-duag.vercel.app`   **Source**: `github.com/Arunarivalagan743/AI_Travella`

Falo AI | Python, FastAPI, LLM, RAG — Dec 2024 – Apr 2025
- Built a scalable **FastAPI backend** for **real-time misinformation detection** with secure APIs for **text and URL analysis**.
- Integrated **VirusTotal**, **IPQS**, and **URL reputation services** to identify **malicious content** and improve **trust scoring**.
- Developed an end-to-end **RAG pipeline** using **embeddings** and **FAISS** vector search to enhance **LLM response accuracy**.
- **Live**: Live Video   **Source**: `github.com/Arunarivalagan743/Falo-app`

CineMax | MongoDB, React, Express, Node.js, Socket.IO — Oct 2024 – Dec 2024
- Designed and developed an **online movie ticket booking system** with **real-time seat selection**.
- Implemented **Socket.IO-based seat locking** to handle **concurrent bookings** and avoid conflicts.
- Built **admin dashboards** for **show scheduling, analytics**, and **user management**.
- **Live**: `cinimax.vercel.app`   **Source**: `github.com/Arunarivalagan743/Cinematic-popcorn-Theatre-Experience`