

ARUNPANDIAN C

+91 8072396488 · arunpandiancse25@gmail.com · linkedin.com/in/Arunpandian-C · github.com/arunpandian9159

SUMMARY

Aspiring Software Developer with a solid foundation in programming fundamentals and a passion for developing clean, efficient code. Eager to leverage skills in Python, JavaScript, and SQL to contribute to software development, testing, and maintenance tasks. A quick learner committed to collaborating with teams to deliver high-quality technical solutions

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, SQL, HTML, CSS

Frameworks: React, Tailwind CSS, Next.js

Developer Tools: Git, GitHub, Postman, Vercel, Supabase, MongoDB, Google Antigravity

Others: Leaflet, OSRM, Docker

Soft Skills: Problem Solving, Communication, Team Collaboration, Adaptability

EDUCATION

Manakula Vinayagar Institute of Technology, Puducherry

B.Tech in Computer Science Engineering

June 2021 - June 2025

CGPA: 7.6

Amalorpavam Higher Secondary School

Higher Secondary Course (HSC)

June 2018 - April 2021

87%

INTERNSHIP/TRAINING

Frontend Development Intern

Trip milestone Tours Pvt Ltd, Vellore (tripxpl0.com)

June 2025 - Dec 2025

- Completed a **7-month** frontend developer internship at **TripXpl0**, contributing to real-world SaaS products in the travel domain.
- Built **core UI components** for an Internship Management System (**Internbyte**) using **Next.js and TypeScript**, focusing on student onboarding, course management, and academic tracking workflows.
- Collaborated in a 4-member team to translate product requirements into responsive, **user-friendly pages** backed by SQL-driven data flows.
- Worked on a Travel Industry **CRM Platform**, implementing React and Tailwind CSS interfaces tailored for **lead, customer, and booking management** in the travel and tourism sector.
- Practiced Git-based collaboration, API integration, and UI refinement in cross-functional teams, improving code quality, performance, and user experience across both projects.

PROJECTS

Jez Cabs Management Platform (Jezcabs.app) | NestJS, React 19, TypeScript, PostgreSQL, Docker, MongoDB, Redis, RabbitMQ, Leaflet, OSRM

- Architected a production-ready **multi-role cab management** system using NestJS and a hybrid database strategy (PostgreSQL & MongoDB) to handle **complex data relationships and booking logs**.
- Engineered a type-safe frontend with React 19 and Tailwind CSS v4, **integrating Leaflet and OSRM** to provide real-time GPS tracking, precise route calculation, and interactive visual rendering.
- Implemented robust Role-Based Access Control (RBAC) with **JWT authentication** to secure workflows for 6 distinct user types, including Drivers, Fleet Owners, and Admins.
- Optimized infrastructure scalability using **Docker for containerization**, Redis for caching, and RabbitMQ for message queuing, ensuring high availability for real-time booking operations.

Internship Management System (Internbyte.com) | Next.js, TypeScript, SQL, Tailwind CSS, Supabase

- Developed a comprehensive internship management platform to streamline student onboarding, course management, and academic tracking.
- Integrated secure authentication and **real-time database solutions** to manage student data and instructor assignments effectively.
- Implemented automated certificate generation and attendance tracking, significantly simplifying administrative tasks for colleges.

Travel Industry CRM Platform | Next.js, TypeScript, SQL, Web Technologies, React, Node.js, Supabase

- Engineered a domain-specific Travel Industry CRM using React, TypeScript, Redux, and Tailwind CSS to centralize quotes, leads, invoices, and trip itineraries for travel agencies and tour operators.
- Designed and implemented responsive, modular UI components that streamline day-to-day workflows like quotes management, follow-ups and booking lifecycle tracking in a single integrated platform.
- Enhanced customer engagement capabilities by building views for tracking client preferences, booking history, and communication logs to support personalized travel experiences.