

ARUNPANDIAN C

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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 <i>B.Tech in Computer Science Engineering</i>	<i>June 2021 - June 2025</i> CGPA:7.6
Amalorpavam Higher Secondary School <i>Higher Secondary Course (HSC)</i>	<i>June 2018 - April 2021</i> 87%

INTERNSHIP/TRAINING

Frontend Development Intern <i>Tripmilestone Tours Pvt Ltd, Vellore(tripxplo.com)</i>	<i>June 2025 - Dec 2025</i>
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- Completed a **7-month** frontend developer internship at **TripXplo**, 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) <i>NestJS, React 19, TypeScript, PostgreSQL, Docker, MongoDB, Redis, RabbitMQ, Leaflet, OSRM</i>
<ul style="list-style-type: none">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) <i>Next.js, TypeScript, SQL, Tailwind CSS, Supabase</i>
<ul style="list-style-type: none">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 <i>Next.js, TypeScript, SQL, Web Technologies, React, Node.js, Supabase</i>
<ul style="list-style-type: none">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.