

# RAGAVAN ARUCHAMY

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## SUMMARY

Junior Full Stack Developer with hands-on experience in React, Next.js, Django and the MERN stack. Built and deployed real-world applications including dashboards, blog platforms and business systems through internships and ongoing production work. Strong problem-solver with solid fundamentals in REST APIs, databases and responsive UI development.

## TECHNICAL SKILLS

- **Languages :** Python, C++, JavaScript
- **Frontend :** HTML, CSS, Tailwind CSS, Bootstrap, React.js, Next.js
- **Backend :** Django, Node.js, Express.js, REST APIs
- **Databases :** MySQL, MongoDB
- **Tools/Platforms:** Git, GitHub, VS Code, Postman, Firebase, Eclipse, Arduino IDE, GitHub Copilot, ThingSpeak (IoT)
- **Soft Skills :** Problem Solving, Teamwork, Time Management, Flexibility, Resilience, Attentiveness

## EXPERIENCE

### Frontend Developer (On-site) — Advert Technologies Pvt. Ltd

Coimbatore | Sep 2025 – Present

- Developing and maintaining a web-based product (“Dot”) using Next.js (React), TypeScript and Tailwind CSS. Developed 20+ reusable UI components, reducing development time by 30%, dashboards and forms based on product requirements.
- Integrating REST APIs and supporting backend workflows using Python and MySQL in collaboration with the team. Contributing to performance improvements and clean, reusable frontend architecture.

### MERN Full Stack Intern (On-site) — KGiSL Microcollege

Coimbatore | Jun 2025 – Aug 2025

- Developed core modules for a real-time Placement Management System using MongoDB, Express.js, React.js and Node.js.
- Worked on student onboarding, placement tracking, admin workflows and dashboard features. Implemented CRUD functionality and integrated frontend with backend services.

### Python Full Stack Developer Intern (On-site) — Nandha InfoTech Pvt. Ltd

Coimbatore | Jan 2025 – Feb 2025

- Built a Django blog application with authentication, media uploads, comments, likes and moderation features.
- Developed backend logic and templates to support end-to-end blog workflows.

### MERN Stack Development Intern (Online) — NoviTec

Coimbatore | Jul 2024 – Aug 2024

- Developed full-stack web applications using MERN stack with complete CRUD operations.
- Worked on API integration and frontend components for end-user features.

## **Web Development Intern (Online) — Neha Solutions**

Coimbatore | Feb 2024 – Mar 2024

- Built responsive static and dynamic webpages using HTML, CSS and JavaScript.
- Improved UI consistency and usability through structured styling and layouts.

## **PROJECTS**

### **Business Management Web Application (Production)**

Next.js, TypeScript, Tailwind CSS, REST APIs, Python, MySQL

- Contributed to building a production-level business management system from scratch.
- Developed UI components, dashboards and forms; integrated APIs; collaborated with crossfunctional team.

### **Blog Website**

Django, Bootstrap, HTML, JavaScript

- Built a full-stack blogging platform with secure authentication and role-based moderation.
- Implemented post creation/editing, media uploads, comments, likes and admin controls.

### **Expense Tracker Application**

MongoDB, Express.js, React.js, Node.js (MERN)

- Developed an expense management app to add, view and delete transactions.
- Implemented real-time balance calculation and persistent storage.

### **Sea Border Detection System**

Django, Bootstrap, IoT

- Developed a location-based geo-alert system integrating Django with IoT sensors.
- Triggered alerts for sea border crossing detection.

### **Fire Service Management Dashboard**

Django, Bootstrap

- Designed and built a centralized dashboard to monitor incidents, personnel and resource allocation.
- Included geo-mapping visualization for operational tracking.

## **EDUCATION**

- **B.E.** Computer Science and Engineering | Akshaya College of Engineering and Technology | 2022 – 2026 | CGPA: 8.2
- **HSC** | Annai Abirami Matric Hr. Sec. School | 2020 – 2022 | 83.1%
- **SSLC** | Annai Abirami Matric Hr. Sec. School | 2018 – 2020 | 96%

## **CERTIFICATIONS**

- Oracle Cloud Infrastructure – [Oracle](#)
- MERN stack Development – [KGiSL Microcollege](#)
- Full Stack Web Development – [Nandha InfoTech](#)
- MERN Stack Development – [NoviTech](#)
- UI/UX Design – [IBM SkillsBuild](#)
- MERN Full Stack Intern – [KGiSL Microcollege](#)