

Yuvaraja Murali

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Professional Summary

- Full-Stack Developer skilled in **Next.js, React, React Native, JavaScript, TypeScript, Python**, and **MongoDB**, with experience building secure and scalable web and mobile apps.
- Expertise in **application security, API integration, automation**, and delivering optimized, maintainable code for digital transformation projects.

Skills

Languages: Python, TypeScript, JavaScript, C++, Java (FOP)
Frontend: React.js, Next.js, React Native, Tailwind CSS, PyQt6
Backend: Flask, Express.js, Django, PayPal SDK
Databases: MongoDB, Firebase, Redis, PostgreSQL, MySQL, SQLite
Machine Learning/AI: Scikit-learn, TensorFlow, Ollama
DevOps & Tools: Git, Nginx, Docker, Postman, WSL, Linux, Figma, Wireshark, Nmap, Selenium, Autodesk Fusion 360
Other Skills: Data Structures and Algorithm, Problem Solving, Application Security, API Integration, Team Leadership, Critical Thinking, Public Speaking

Experience

Ignite Skylabs - Internship Mar 2024 – Mar 2025
Full Stack App Developer Pondicherry, India

- Developed **Ridemap App** in **React Native** with bus tracking, chat, bus pass, and AI chat; gained **10K+ downloads**.
- Set up **NGINX load balancer** for WebSocket server streaming live bus data, improving reliability and availability.
- Revamped Admin Dashboard from single to multi-institute architecture for centralized control.
- Worked cross-functionally to scale features, modernize stack, and review code.

Projects

ParkWheels – MVIT Parking Management System Apr 2025 – Present – India

- Developed role-based parking system with **Next.js**, featuring dedicated dashboards for users, security and admins.
- Integrated live camera feeds and QR code scanning for real-time monitoring and vehicle pass verification.
- Enabled digital vehicle registration with **RC and insurance uploads**, ensuring centralized data access and control.

Mitilence 2025 – College Event Management Platform Feb 2025 – Mar 2025 – India

- Developed an event platform using **Next.js** and **Firebase** with OAuth, event sign-ups, and **QR check-ins**.
- Achieved 3,267+ unique users and 17,302+ page views in 9 days.
- Enhanced workflow automation and real-time performance with **Firebase Firestore**.

DOJO 2.0 Dashboard – Lucas TVS Company Nov 2024 – Jan 2025 – India

- Developed a kiosk-style self-enrollment system for trainees, replacing manual supervision.
- Built a real-time **React.js** admin dashboard with data export and content controls.
- Automated tracking and evaluation to boost accuracy and reduce admin effort.

Education

Manakula Vinayagar Institute of Technology, Pondicherry, India 2022 – 2026
Bachelor of Technology in Computer Science and Engineering – CGPA: 7.7/10

Achievements

2025	1 st /15+ Teams	Cloudflight Coding Contest, CCC	AIAT, Pondy
2024	2 nd /50+ Teams	Rapid Codeathon, TechnoVIT	VIT Chennai
2023	3 rd /40+ Members	Code Clash, Technovista'23	SECE, Coimbatore
2023	2 nd /20+ Teams	Website Hacking, Mitilence'23	MVIT, Pondy
2024	2 nd /80+ Teams	Project Contest, Innovator's Day	SMVEC, Pondy

Languages Known

Tamil - Native
English - Fluent (Professional working proficiency)
French - Intermediate (6 years of academic study)