

# 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, JavaScript, TypeScript, C/C++ (FOP), 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, 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** Mar 2024 – Mar 2025  
*Full-Stack App Developer* Pondicherry, India

- Developed **Ridemap V2** using **React Native**, featuring real-time tracking, route optimization, in-app chat, bus pass, and AI chatbot; reached **10K+ downloads** and **530+ reviews** on Play Store.
- Worked with cross-functional teams to build scalable solutions, update tech stacks, and conduct code reviews.
- Improved Admin Panel by automating workflows, resolving critical bugs, and enhancing system performance.

## Projects

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

- Built a role-based parking system using **Next.js** with separate dashboards for users, security, and admins.
- Integrated **LPR ML models** and **QR scanning** to automate boom gate access.
- Implemented vehicle registration with **RC/insurance uploads** and centralized data 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 <sup>st</sup> /15+ Teams	Cloudflight Coding Contest, CCC	AIAT, Pondy
2024	2 <sup>nd</sup> /50+ Teams	Rapid Codeathon, TechnoVIT	VIT Chennai
2023	3 <sup>rd</sup> /40+ Members	Code Clash, Technovista'23	SECE, Coimbatore
2023	2 <sup>nd</sup> /20+ Teams	Website Hacking, Mitilence'23	MVIT, Pondy
2024	2 <sup>nd</sup> /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)