

# Yuvaraja Murali

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## Professional Summary

- Security-focused **Full-Stack Developer** skilled in **Next.js, React, Python, JavaScript, and MongoDB**. Experienced in building **scalable, high-performance applications** with a strong emphasis on **security and optimization**.
- Passionate about **automation, digital transformation, and system security**, driving innovation and efficiency through cutting-edge technologies.

## Education

<b>Manakula Vinayagar Institute of Technology</b> <i>Bachelor of Technology in Computer Science (CGPA: 7.55 / 10.00)</i>	2022 – 2026 <i>Kalitheerthalkuppam, Pondicherry</i>
<b>Petit Seminaire Higher Secondary School</b> <i>SSLC &amp; HSC (SSLC: 74.4%) – (HSC: 84%)</i>	2008 – 2022 <i>Pondicherry, IN</i>

## Experience

<b>Ignite Skylabs</b> <i>Fullstack App Developer</i>	Mar 2024 – Jan 2025 <i>Kalitheerthalkuppam, Pondicherry</i>
<ul style="list-style-type: none"><li>Collaborated with the development team on Ridemap, implementing scalable architectures, recommending modern technology stacks, and conducting comprehensive code reviews to ensure high-quality, maintainable code.</li><li>Developed Ridemap V2 a React Native mobile app featuring real-time bus tracking, route optimization, in-app chat, bus pass management, and an AI-driven chatbot, enhancing user experience. The update boosted user engagement, achieving <b>4.2+ stars, 530+ reviews, and 10K+ downloads</b> on the Play Store.</li><li>Optimized the Bus and User Management Admin Panel by implementing automation features, refining workflow efficiencies, and resolving critical system bugs, improving overall functionality and system performance.</li></ul>	

## Projects

<b>Mitilence 2025</b>   MVIT College Event Management Site	Feb 2025 – Mar 2025 – India
<ul style="list-style-type: none"><li>Engineered a Next.js &amp; Firebase-powered platform for seamless event registration, Google OAuth login, and QR-based check in.</li><li>Achieved 3,267+ unique visitors &amp; 17,302+ page views within 9 days, showcasing high engagement.</li><li>Enhanced event efficiency, reducing check-in delays and improving user experience with a smooth, automated workflow.</li><li>Optimized real-time database operations, ensuring fast, scalable performance with Firebase Firestore.</li></ul>	
<b>DOJO 2.0 Dashboard</b>   Lucas TVS Company	Nov 2024 – Jan 2025 – India
<ul style="list-style-type: none"><li>Built an ML-driven trainee assessment platform eliminating human supervision and improving evaluation accuracy.</li><li>Developed an automated self-enrollment and assessment system for real-time trainee tracking.</li><li>Designed the React.js based admin dashboard for monitoring, data export, and content management.</li></ul>	
<b>Student Tracker</b>	Feb 2024 – India
<ul style="list-style-type: none"><li>Developed an AI-powered tracking system using TensorFlow and OpenCV for real-time student movement analysis.</li><li>Created an interactive web dashboard for real-time location insights and movement patterns.</li><li>Implemented a scalable, secure system to handle high-volume live camera data streams.</li></ul>	

## Technical Skills

**Languages:** Python, JavaScript, TypeScript, C/C++ (FOP), Java (FOP)  
**Technologies:** React.js, Next.js, React Native, Flask, Django, Express.js, TensorFlow, Tailwindcss, Node.js, Selenium, MongoDB, Redis, MySQL, Git, Android SDK  
**Skills:** Languages (Tamil, English, French), Problem Solver, Team Leadership, Public Speaker, Critical Thinking, Collaboration

## Languages

- Tamil (Native)
- English (Fluent)
- French (Proficient - 6 years of study)