

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

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

Experience

Ignite Skylabs <i>Fullstack App Developer</i>	Mar 2024 – Jan 2025 Kalitheerthalkuppam, Pondicherry
<ul style="list-style-type: none">• 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.• 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 4.2+ stars, 530+ reviews, and 10K+ downloads on the Play Store.• 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.	

Projects

Mitilence 2025 MVIT College Event Management Site	Feb 2025 – Mar 2025 – India
<ul style="list-style-type: none">• Engineered a Next.js & Firebase-powered platform for seamless event registration, Google OAuth login, and QR-based check in.• Achieved 3,267+ unique visitors & 17,302+ page views within 9 days, showcasing high engagement.• Enhanced event efficiency, reducing check-in delays and improving user experience with a smooth, automated workflow.• Optimized real-time database operations, ensuring fast, scalable performance with Firebase Firestore.	

DOJO 2.0 Dashboard Lucas TVS Company	Nov 2024 – Jan 2025 – India
<ul style="list-style-type: none">• Built an ML-driven trainee assessment platform eliminating human supervision and improving evaluation accuracy.• Developed an automated self-enrollment and assessment system for real-time trainee tracking.• Designed the React.js based admin dashboard for monitoring, data export, and content management.	

Student Tracker	Feb 2024 – India
<ul style="list-style-type: none">• Developed an AI-powered tracking system using TensorFlow and OpenCV for real-time student movement analysis.• Created an interactive web dashboard for real-time location insights and movement patterns.• Implemented a scalable, secure system to handle high-volume live camera data streams.	

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)