



JANARTHANAN

Programmer |
IT & IoT Consultant |
Founder & Developer

ABOUT ME

I am a multi-disciplinary programmer skilled in a wide range of modern technologies. I am highly motivated, quick to learn new tools, and eager to embrace emerging trends. I have a strong ability to adapt and excel in challenging situations, using my problem-solving skills to develop effective solutions.

MOTTO

- Simplifying Digital Transformation and Automation Solutions
- Sustainability - Innovation - Monetization - Adaptability

CONTACT



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SKILLS

Programming Languages & Technologies

PHP, Python, JavaScript, ReactJS, React Native, Laravel,
Node.js, ASP.NET, Flutter/Dart, JSP

Cloud, DevOps & Infrastructure

AWS, Docker, Linux Administration, DevOps,

Database Architecture

MySQL, PostgreSQL, MongoDB, Supabase, Auth0

Security & Testing

Burp Suite, VAPT, System Administrator,
Reverse Engineering, Pentesting

Product & Digital Experience

Digital Marketing Manager, PowerPoint Designer, Figma,
3D Model Analyst, OnShape, Adobe Illustrator,

EDUCATION

- **HSC**
APSA HSC ,Thirupattur May 2021
- **Bachelor of Technology - Information Technology**
Kalasalingam University, Virudhunagar May 2025

EXPERIENCE

- **Freelancer**
Blackloverttech May 2023 - Present
 - Provide consultancy and technical delivery for a range of IT and IoT solutions.
 - Ongoing client partnerships, project planning, technology selection, and custom software/hardware development.
 - Some Unique Project are Developed by me :
 - Property Management System (skltheniproperty.in)
 - Journal Publication System (ijdcn.org.in)
 - Hall Booking System (hbs.kalasalingam.ac.in)
 - Website Security Auditing
 - SaaS Development - Multi Vendor Application
 - Learning Management System
 - Industrial IoT Dashboard
 - Technical Consulting for R&D of Hardware Product
 - Startup Innovation & Improvement
- **CTO**
IRC, KARE Sept 2023 - May 2024
 - Developed and maintained the Smart Bin Software for waste management automation.
 - Designed and implemented EV Monitoring Firmware for electric vehicle systems.
 - Engineered Smart Energy Meter Firmware for real-time energy consumption monitoring.
 - Created the Solar Battery Controller for optimized solar energy storage and management.

LANGUAGES

- Tamil
- Hindi
- English
- Telugu

• Founder & CTO

Retro Tech Pvt. Ltd., Virudhunagar

Dec 2023 - January 2025

- C-DAC INDUS IoT Board

Field: Industrial IoT, Embedded Hardware

Developed industrial IoT board integrations and custom firmware.

- Smart Bin Firmware

Field: IoT, Environmental Technology

Developed device-level code for autonomous smart bin operation.

- Voltage Regulators

Field: Electronics, Power Systems

Designed smart voltage regulation circuits and control software.

- Energy Meter Firmware

Field: Energy Management, Embedded Systems

Engineered embedded software for advanced energy metering, enabling accurate measurement, data analytics, and real-time monitoring.

- POS Software

Field: FinTech, Retail Automation

Created advanced point-of-sale software for businesses.

• Senior Web Developer

Vaahzai Incubator, Tenkasi

May 2025

- Lead full-stack and React-based development of new digital platforms, including:
 - Kottavai.in – Next-generation e-commerce platform (React)
 - Iyathiran.com – Community engagement and resources portal (React)
 - VoiceOfTN.org – Volunteer opportunities and outreach, including Volunteer Voice of Tenkasi Program (React)
 - Personal Portfolio for Ananthan Ayyasamy (React)
- Collaborate with cross-disciplinary incubator teams to deliver robust, scalable solutions.
- Mentor and support junior developers in modern web development methodologies.

CERTIFICATIONS

- Diploma in MS-Office & Suits
- Diploma in Desktop Publishing
- Diploma in Computer Application
- Tally ERP 9
- Digital Marketing with Google Products
- Meta Suit for Business
- Python Developer
- Laravel Developer
- AWS Certified Cloud Practitioner