

ASWIN JAY

Founder & CEO at JAY TECH SOLUTIONS

Kadayanallur, Tamil Nadu | 9003368894 | contact@jaytechsoln.in
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PROFILE

Student at Ramco Institute of Technology (CSBS) and Founder/CEO of JAY TECH SOLUTIONS since age 15. Built 11+ software products serving 50,000+ users across India. IBM & PALS merit recipient.

SKILLS

Languages: Python, JS/TS, PHP, C, C#, Go, x86-64 Asm
Frameworks: React, Next.js, Laravel, Livewire, WPF .NET
Platforms: PostgreSQL, MySQL, Redis, Docker, Git, Linux
AI / ML: Gemini API, LLM Integration, AI Chatbots
Systems: Compiler Design, NASM, ELF/PE, Win32 API
IoT/Embedded: AI apps, Embedded systems, Electronics

EDUCATION

B.Tech CSBS
Ramco Institute of Technology
2025 - 2029 | IBM & PALS Merit

CERTIFICATIONS

- IBM India Research Lab & PALS Cert. of Merit
- IIT Madras Cert. of Appreciation (SPOC)
- GIAC Software Cyber Security (Mar 2026)
- Best Business Video Award (Rotary Club)
- 3rd Prize - IEEE Ignite, Kalasalingam Univ.
- JPMorganChase SWE Sim. (Forage, Jan 2026)
- Tata GenAI Data Analytics (Forage, Jan 2026)
- CommBank Data Science Sim. (Forage, Jan 2026)
- Deloitte Australia Cyber Sim. (Forage, Dec 2025)

EXPERIENCE

Founder & CEO

JAY TECH SOLUTIONS, Kadayanallur

2020 - Present

- Founded at 15. Built 11+ products serving 50K+ users across India.
- Products: JAY AI (Gemini), JAY POS (React/Electron), JAY CRM (Next.js/Prisma), JAY ERP (Laravel), JAY OFFICE (Turborepo suite), VAANJAY (Go/React Native social app), JayVibez (C# WPF music player), JAY LMS, JAY CLOUD, Jay Invoicing, Fake OS, AK CODE.
- Full-stack: conception to deployment. Udyam MSME, zero external funding.

Tech Support Specialist

RMK Associates, Tenkasi

May 2024 - Feb 2025

- Enterprise IT support, troubleshooting, and client management.

KEY PROJECTS

AK CODE - Programming Language

x86-64 assembly (NASM). English-like syntax, full stdlib, ELF/PE targets, self-hosting compiler, 37K+ LOC, custom AK IDE.

VAANJAY - Social Media Super-App

Tamil Nadu social platform. Go (Fiber), React Native (Expo), Next.js 14, WebRTC, PostgreSQL, Redis, Cloudflare R2. Reels, stories, live, DMs, calls, UPI payments.

JayVibez - Music Player

WPF .NET 8. NAudio + YoutubeExplode. Local library scanning, YouTube streaming, playlists, album art. Android APK available.

Fake OS - Windows Desktop Simulator

C + Win32 API + GDI. Taskbar, start menu, window management.

ACHIEVEMENTS

- IBM India Research Lab & PALS Certificate of Merit
- IIT Madras Certificate of Appreciation (SPOC)
- 3rd Prize - IEEE Ignite, Kalasalingam University
- Best Business Video Award - Rotary Club (2025)
- GIAC Software Cyber Security Certified
- Udyam-registered MSME (Govt. of India)