

ARAVIND S

Builder | Engineer | Entrepreneur

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PROFESSIONAL SUMMARY

Software-focused ECE engineer (B.E., 2027) building full-stack systems across React.js, Node.js/Express.js, REST APIs, SQL, and automation, with internship experience developing ARMS and 7+ production digital products delivered across four industries. Also builds AI and Edge AI systems, including an ESP32-CAM object-detection system at 93%+ precision.

TECHNICAL SKILLS

Languages: Python, C, Embedded C, JavaScript, Java, SQL, HTML, CSS

Web & Software: React.js, Node.js, Express.js, REST APIs, Tailwind CSS, Tkinter, OOP, Data Structures

AI & Computer Vision: Machine Learning, Computer Vision, OpenCV, Edge AI, Edge Impulse, Predictive Analytics

Data & Databases: MS SQL Server, Supabase, MongoDB, Data Processing, ETL, Data Pipelines

Embedded & IoT: ESP32-CAM, Arduino, Embedded Systems, IoT, Sensor Integration, Edge Computing

Tools & Design: Git, GitHub, VS Code, Linux, Figma, Framer, UI/UX, Prototyping, Website Deployment

PROFESSIONAL EXPERIENCE

Software Developer Intern

February 2026 - Present

Mekhalyn Consulting Pvt Ltd | Bengaluru, India

- Working on ARMS (Automated Recruitment Management System) as part of the software development team.

Software Developer & UI/UX Designer

September 2023 - Present

Independent / Self-Employed | Bengaluru, India

- Designed and developed 7+ websites and digital products across retail, fitness, food, and service industries.
- Led client engagements across requirements, UI/UX, development, testing, deployment, and final delivery.
- Managed responsive interfaces, hosting, domain configuration, and production deployment.

Founder

March 2024 - Present

DripX Clothing | Bengaluru, India | dripxclothing.framer.website

- Founded a direct-to-consumer streetwear brand, leading development from concept through branding, storefront, and go-to-market.
- Partnered with manufacturing and logistics partners across product and supply-chain execution.

SELECTED PROJECTS

ARMS — Automated Recruitment Management System

Tools: Node.js · Express.js · MS SQL Server · REST APIs

Recruitment platform integrating frontend workflows, backend APIs, SQL database operations, validation, automation, and document parsing.

Event OS

Tools: Full-Stack Web Development

Full-stack event-management platform in development to streamline business and event operations through integrated workflows.

AI-Powered Real-Time Object Detection

Tools: ESP32-CAM · Edge Impulse · Arduino · Computer Vision · Edge AI

Real-time object detection for resource-constrained edge hardware, integrating computer vision and embedded components; 93%+ precision.

RTRIBE Dance Studio

Tools: React · Tailwind CSS · Supabase | **Website:** rtribednw.in

Responsive studio website for classes, workshops, and online bookings, with Supabase data management and two payment options.

SOCH Group

Website: sochgroup.in

Client website delivered through independent development work.

Board Exam Remuneration Management System

Tools: Python · Tkinter · CSV

Desktop automation system for examination remuneration with CSV persistence, role-based access control, and automated reporting.

EDUCATION

B.E. Electronics & Communication Engineering

Expected 2027

New Horizon College of Engineering, Bengaluru

10th & 12th — The Camford International School, Coimbatore

2023

CERTIFICATIONS

Vibe2Ship — Certificate of Participation, Coding Ninjas

2026

C Language, CSC Academy

2024