

SHARVESWAR MADASAMY

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EXECUTIVE SUMMARY

Aspiring AI-integrated Full Stack Developer with real-world experience building production AI applications using Groq LLMs, YOLOv8 Computer Vision, and REST APIs. Interned with Microsoft (AICTE AI Program) and InternsForge; Salesforce Certified and AWS certified. Led an 18-member development team and secured 3rd Prize at a national hackathon. Seeking to leverage AI-driven development skills in high-impact engineering roles.

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, C, C++, Java, HTML5, CSS3, SQL

Frameworks: Next.js, React.js, Node.js, Express.js, Bootstrap, Tailwind CSS, EJS

Databases: MySQL, PostgreSQL, MongoDB, Supabase | **Tools:** Git, GitHub, Vercel, Netlify, Docker, AWS, Linux, VS Code

AI Tools: Claude (Anthropic), v0.dev, GitHub Copilot | **Concepts:** REST APIs, DSA, OOP, Computer Vision (YOLOv8), Agile, Salesforce, Cloud (AWS)

EDUCATION

SRM Institute of Science and Technology, Kattankulathur

Chennai, TN

B.Tech – CSE | CGPA: 8.73 / 10.0 (3 Semesters)

Expected: 2028

Coursework: DSA, OOP, Operating Systems, Python for Data Science (NPTEL)

INTERNSHIP EXPERIENCE

Full Stack Web Development Intern

Jul – Oct 2025

InternsForge | Remote | 4 Months

- Built and deployed full-stack web apps (HTML, CSS, JS, Node.js, MongoDB); received Certificate of Appreciation for exceptional performance.
- Completed milestones in REST APIs, backend architecture, and responsive front-end design.

Foundations of Artificial Intelligence Intern

Apr – May 2025

Microsoft | Edunet Foundation | AICTE | Remote | 4 Weeks

- Completed structured 4-week AI program under Microsoft & AICTE covering neural networks, model training, and ethical AI principles.

PROJECTS

CareerPath AI – AI-Powered Career Development Platform [\[Live\]](#) [\[GitHub\]](#)

Tech: Next.js 16, TypeScript, React, Supabase, Tailwind CSS, Groq AI (Llama 3.1), Piston API, Vercel

- Built full-stack AI career platform with streaming chatbot (Groq Llama 3.1), real code execution engine (50+ languages), ATS Resume Analyzer, and real-time Indian job market trends via Tavily API.
- Achieved Lighthouse score 90+ with First Contentful Paint under 1.5s; deployed on Vercel with Supabase PostgreSQL backend.

ULTRON – Futurix Tech Club Event Website [\[Certificate of Appreciation\]](#) [\[Live\]](#) [\[GitHub\]](#)

Tech: Next.js, TypeScript, React, Tailwind CSS, Vercel

- Led cross-functional team of 18 developers to build and ship full-featured tech event platform for Futurix Tech Club, SRM IST KTR; received Certificate of Appreciation for ULTRON 9.0.

AI-Powered Chatbot for Lead Automation [\[SharpAlthon – 3rd Prize\]](#)

Tech: Python, Groq AI, Chatbot APIs, Automation

- Built AI lead automation chatbot at SharpAlthon (12-hour hackathon) securing 3rd Prize; automated lead qualification and follow-up workflows via conversational AI.

YOLO Object Detection with Arduino LED Control [\[GitHub\]](#)

Tech: Python, YOLOv8, OpenCV, PySerial, C++ (Arduino)

- Real-time CV pipeline detecting electronic devices from live camera feed; triggered physical Arduino LED outputs via PySerial serial communication.

Bloggify – Full-Stack Blogging Platform [\[GitHub\]](#)

Tech: Node.js, Express.js, EJS, MongoDB, REST APIs

- Full blog platform with user authentication, dynamic post CRUD, and RESTful API routes backed by MongoDB.

CERTIFICATIONS

- Salesforce Certified Agentforce Specialist** — Trailhead | Credential ID: 7256328 | Dec 2025
- AWS Academy Graduate – ML Foundations** — AWS | 20 hrs | Mar 2025
- Intro to Operating Systems (8-week)** — NPTEL | Jul–Sep 2025
- Python for Data Science (4-week)** — NPTEL | Jan–Feb 2025
- HTML5 & CSS3** — Infosys Springboard | Jul 2025
- AWS Academy Graduate – Cloud Foundations** — AWS | 20 hrs | Apr 2025
- DSA using Java (12-week)** — NPTEL | Jul–Oct 2025
- OOP Fundamentals (12-week)** — NPTEL | Jan–Apr 2025
- Python (Basic) Skill Certification** — HackerRank | Aug 2024
- C++ Complete Course** — Udemy | Apr 2025

ACHIEVEMENTS & AWARDS

- 3rd Prize — SharpAlthon (12-Hour Hackathon) for AI-Powered Chatbot for Lead Automation | Apr 2025
- Best Project Award — CareerPath AI (proposed for SRM college placement cell implementation)
- Certificate of Appreciation — Exceptional performance, Full Stack Web Dev Internship at InternsForge | Nov 2025, ULTRON 9.0, Futurix Tech Club
- Participated in Hack the Cosmos, ReGenHack 25, and Adobe India Hackathon (Round 1 — MCQ + Coding)
- GitHub Pull Shark x2 Badge | HackerRank: 5-Star C++, 4-Star Python, 252 Points
- Tech Member – Futurix Tech Club, SRM IST KTR**
- IEEE Member – Madras Section #101007137 (2024–2025)**