Archana Srinivasan

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📍 Chennai, India

SUMMARY

Computer Science and Design student with a growing foundation in programming, DSA, and real-world development. Skilled in Java and Python, with hands-on project experience in AI systems, web applications, and full-stack development. I enjoy solving problems, building practical solutions, and contributing in collaborative, learning-focused environments.

EXPERIENCE

Web Development Intern — VaultofCodes
08/2025 - 09/2025
🔗 GitHub: VOC Internship

- Developed and deployed responsive web projects—including an internship listings page, interactive video gallery, recipe card, and to-do app—using HTML, CSS, and JavaScript.
- Gained hands-on experience in frontend development, focusing on UI/UX interactivity, dynamic content filtering, and real-time DOM manipulation.

EDUCATION

Bachelor of Engineering
Easwari Engineering College (SRM Group)
📅 09/2024 - Present

- Field(s) of study: Computer Science and Design
- CGPA - 8.91 (Upto 2nd Semester)

Bachelor of Science
Indian Institute of Technology, Madras
📅 09/2024 - Present

- Field(s) of study: Data Science and Applications
- CGPA - 6.6 (Upto Diploma)

KEY ACHIEVEMENTS

Runner-up — VisAIon Hacks Hackathon (Ciklum India x EEC)

- Developed **FaceBank**, an AI-powered smart banking system using facial recognition to enhance customer experience and service efficiency.
- Awarded with a cash prize of 5,000.

Finalist — Code Cubicle 4.0 (Geek Room)

- Developed **VoiceCare**, a voice-enabled AI symptom screener designed to assist users in conducting fast and intelligent preliminary health assessments.

EXTRA-CURRICULAR & VOLUNTEERING

NSS – Digital Team Member
Easwari Engineering College (SRM Group)
09/2024 - 06/2025

Campus Life – Content Team Member
Easwari Engineering College (SRM Group)
05/2025 - Present

Kanha House – Social Media & Design Team
Indian Institute of Technology, Madras
08/2024 - Present

PROJECTS

Face Recognition – Webcam Identity Recognition System
Real-time facial recognition system for identity detection through webcam input.

- Detects faces, classifies identities from a trained dataset, and displays landmarks/IDs with UI toggle controls.
- **Tech Stack:** Python, TensorFlow, OpenCV, MTCNN, Inception ResNet (Facenet), Scikit-learn

VoiceCare – Voice-Enabled AI Symptom Screener
Voice-based medical symptom screener with NLP condition mapping and patient dashboard.

- Takes voice input, maps symptoms to conditions, and gives suggestions with login/session flow.
- **Tech Stack:** Flask (Python), Web Speech API, Tailwind, HTML/CSS/JS, JSON DB

Java Learning Portal – Interactive Learning System
Desktop Java platform for learning, compiling, and tracking programming progress.

- Integrated code editor, runtime compiler, and lesson unlock logic using file-based storage.
- **Tech Stack:** Java, OOP, Swing, File I/O, ProcessBuilder

Hospital Management System
Web-based hospital management platform handling patient records, appointments, staff roles, and billing workflows.

- Role-based access (Admin/Doctor/Patient) with authentication, appointment booking, medical history tracking, and CRUD operations.
- **Tech Stack:** Django (Python), MySQL, HTML/CSS, Bootstrap, Authentication System, CRUD

SKILLS

Programming Languages: Python, Java, C, C++
Frontend Technology: HTML5, CSS, JavaScript
Frameworks / Libraries: Django, Flask, Bootstrap
Concepts: OOP, DSA, Problem Solving
Tools: Git, GitHub, MySQL, VS Code

LANGUAGES

Tamil: Native
English: Native
Hindi: Proficient