

SHARMILA M

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EDUCATION

B.Tech in Information Technology, Karpagam Institute of Technology CGPA: 8.5/10.0 · 2023 – 2027

Relevant Coursework: Data Structures Algorithms, Object-Oriented Programming, DBMS, Cloud Computing.

- **Key Achievements:** Academic Rank Holder (Semester 2); Awarded **Elite Certificate** in Algorithms (NPTEL).

SKILLS

Languages	Java, C#, Golang, Python, JavaScript
Backend	ASP.NET Core, RESTful APIs, Entity Framework
Databases	SQL, MySQL, SQL Server
Web & Cloud	HTML5, CSS3, AWS (EC2, S3, RDS, Lambda)
Tools	Git, Postman, Google Sheets API

EXPERIENCE

Engineering Intern, The Website Makers

Jan 2024 – Mar 2024

The Website Makers

Coimbatore, India

- Launched 5+ responsive websites using **HTML, CSS, & JS**, increasing mobile user engagement by **20%**.
- Translated UX wireframes into pixel-perfect interfaces, improving site usability and reducing bounce rate by **15%**.
- Refactored legacy CSS with a modular approach, decreasing page load time by **10%** and improving maintainability.

PROJECTS

Employee Admin Portal

ASP.NET Core, SQL Server, .NET 8

Personal Project

github.com/SharmilaMathiyalagan/employee-admin-portal

- Developed a full-stack employee management system with a **RESTful API** using **ASP.NET Core** and **EF Core**.
- Architected the backend using **Clean Architecture** principles to ensure a scalable and maintainable codebase.
- Implemented comprehensive unit tests, achieving **100% test coverage** for the core business logic.

Voice of Her

JavaScript, Google Sheets API, Netlify

Personal Project

github.com/SharmilaMathiyalagan/voice-of-her

- Created a community platform using vanilla **JavaScript** and **Google Sheets API**, achieving **200+ submissions** in one month.
- Designed and implemented a fully responsive, mobile-first UI with **HTML5** and **CSS3** for an engaging user experience.

ACHIEVEMENTS AND ACTIVITIES

- **AWS Certified Cloud Practitioner** – Amazon Web Services (Expected June 2025).
- Solved **150+ problems** on LeetCode, demonstrating strong proficiency in Data Structures Algorithms.
- Certified as a developer by **NASSCOM Skill India** (Govt. of India) via a national-level assessment.
- Participant in collegiate technical events, including **IP Utsav 2025**, an innovation IP convention.