E. Sathyanesar

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Professional Summary

Third-year B.E. Computer Science student with hands-on experience in web development and Java-MySQL applications. Skilled in Java, Python, and front-end technologies. Completed IBM certifications in AI and Prompt Engineering. Eager to contribute to real-world software engineering projects using modern tools and development practices.

Education

Agni College of Technology   *2023 – Present*
Bachelor of Engineering - Computer Science
- Expected Graduation: 2027
- Location: Chennai

Brotherhood Matric Hr. Sec. School   *2022 – 2023*
Higher Secondary Education
- Location: Chennai

Technical Skills

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

Tools: GitHub, VS Code, Figma

Concepts: UI/UX Design, Prompt Engineering

Certifications

Data Analysis with Python	*IBM*
Prompt Engineering for Everyone	*IBM*
Generative AI for Software Development	*IBM*
Responsive Web Design	*freeCodeCamp*
Data Structures in C Programming	*SkillRack*
SQL Basics	*SkillRack*

Projects

Weather Alert System - WhatsApp Automation   *Python*
- Developed an automated weather alert system using Python, OpenWeatherMap API, PyWhatKit
- Showcases skills in Python automation, API integration, real-time messaging, and weather data analysis

Personal Portfolio   *HTML, CSS, JavaScript*
- Designed and deployed a personal website using HTML, CSS, and JavaScript on GitHub
- Showcases skills, certifications, and projects with mobile-friendly UI

Train Reservation System   *JavaFX, MySQL*
- Built a JavaFX-based desktop application for ticket booking and seat tracking
- Connected MySQL database and implemented optimized query operations

Interactive Sorting Game   *HTML, CSS, JavaScript*
- Developed a browser-based educational game to visualize sorting algorithms using HTML, CSS, and JavaScript
- Integrated scoring system and responsive interaction logic

UI/UX Design – Portfolio   *Figma*
- Designed a Neubrutalism-themed personal portfolio in Figma
- Focused on accessibility and visual clarity for improved user experience