

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

Bachelor of Engineering - Computer Science

Agni College of Technology, Chennai

2023 - Present

Expected Graduation: 2027

Higher Secondary Education

Brotherhood Matric Hr. Sec. School, Chennai

2022 – 2023

TECHNICAL SKILLS

- **Languages:** Java, Python, C, SQL
- **Web:** HTML, CSS, JavaScript
- **Tools:** GitHub, VS Code, Figma
- **Concepts:** UI/UX, 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 - Python WhatsApp Automation

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

Personal Portfolio

- 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

- Built a JavaFX-based desktop application for ticket booking and seat tracking.
- Connected MySQL database and implemented optimized query operations.

Interactive Sorting Game

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

Study Tracker Web Application

- Designed a task planner with local data storage to manage study plans by subject.
- Focused on intuitive UI and responsive layout for all devices.

UI/UX Design – Portfolio

- Designed a Neubrutalism-themed personal portfolio in Figma.
- Focused on accessibility and visual clarity for improved user experience.