

SURABHI SUBRAMANIAM

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OBJECTIVE

Aspiring software developer with hands-on experience in full-stack development and solving real-world problems. Passionate about learning new technologies and contributing to impactful projects in collaborative environments. Eager to grow with a tech-driven organization.

EDUCATION

Bachelor of Engineering in Computer Science and Engineering

Sona College of Technology | Oct 2022 – May 2026

CGPA: 8.65

TECHNICAL SKILLS

- **Programming Languages:** Java, Python, JavaScript, SQL
- **Web Technologies:** HTML, CSS, React, Node.js, Express.js, TypeScript
- **Databases:** MongoDB, MySQL
- **Tools & Platforms:** Git, GitHub, AWS, Dynex
- **CS Fundamentals:** OOP, DBMS, Computer Networks, Cloud Computing

AREA OF INTEREST: Web Development, Cloud Computing, Artificial Intelligence, Quantum Computing

PROJECTS

E-Commerce Project

March 2024 - June 2024

- Developed a full-stack e-commerce website for men's and women's clothing.
- Implemented add-to-cart functionality and user-friendly and responsive UI for seamless shopping.

Tech Stack: React, Spring Boot, MySQL

PayTM Clone

July 2025 - Present

- Built a digital wallet web app supporting user registration, login, balance tracking.
- Developed a full-stack Paytm clone with secure login, wallet balance tracking, and transaction history.

Tech Stack: React, Node.js, Express.js, MongoDB

Smart Chatbot for E-Commerce

March 2025 - April 2025

- Built a rule-based chatbot using Python for handling product and support queries on an e-commerce site.
- Implemented intent-based response logic for smooth and relevant user interactions

Tech Stack: Python, Flask, SQLite, HTML/CSS, JavaScript

Quantum-Inspired Health Care Optimization using Dynex

Jan 2025 - May 2025

- Developed a quantum-optimized scheduler for hospital staff using QUBO modeling and Dynex SDK
- Minimized scheduling cost while ensuring fair shift distribution using PyQUBO and Dimod

Tech Stack: Python, PyQUBO, Dynex SDK, Dimod, Quantum Annealing

CERTIFICATIONS/ACHIEVEMENTS

- 1st Place – Poster Presentation, International Conference on Green Computing
- 2nd Place – Sona's Speakers Forum and Quiz to Quirk (SPARK'24)
- Organizer – Web Development Workshop, Threads'25 (150+ participants)
- Academic Excellence Award – 2022–2023, 2023–2024
- Completed: AWS Academy Course, Google Cloud Certifications
- Certified: NAT N5 Japanese Language Proficiency and N4 Trained
- Completed: "Design & Implementation of HCI", IIT Madras (Scored 75%)

Languages: Tamil(Native),English(Fluent),Hindi(Fluent),Sanskrit(Fluent),Japanese(Intermediate)