VAISHNAVI SURESH

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OBJECTIVE

Resourceful full-stack developer with expertise in Web Development, Python, Java, and Cybersecurity, experienced in building scalable web applications including e-commerce platforms and digital wallets. Proficient in cloud technologies such as AWS and Google Cloud. Passionate about cutting-edge technologies like quantum computing and AI, with hands-on experience using Dynex SDK and Python for optimization tasks. Strong communicator, public speaker, and team leader passionate about building impactful solutions.

EDUCATION

Sona College of Technology   Oct 2022 - May 2026

Bachelor of Engineering, Computer Science and Engineering
 • **CGPA**: 8.4
 • **Achievements**: Academic Excellence Award - 2024-2025
 • **Coursework**: DBMS, Computer Networks, Cloud Computing

PROJECTS

E-Commerce Project   Mar 2024 - Jun 2024

 • Developed an e-commerce platform with user authentication, cart functionality, and order management.
 • To simulate a real-world online shopping experience and understand complete system architecture.
 Tech Stack: HTML, CSS, JS

House Rental System   Mar 2025-Apr 2025

 • Developed a House Rental Management System with CRUD operations for properties and tenants using JDBC and MySQL.
 • To streamline rental data management and practice database connectivity with real-world applications.
 Tech Stack: CRUD operations with JDBC & MySQL.

Quantum-Portfolio Optimization   Jan 2025-May 2025

 • Developed a quantum-optimized scheduler for portfolio using QUBO modeling and Dynex SDK.
 • To minimize staffing costs while meeting daily shift constraints using quantum computation.
 Tech Stack: QUBO, Dynex, Dimod, PyQUBO

TECHNICAL SKILLS

 • **Programming Languages**: Java, Python, JavaScript, SQL
 • **Web Technologies**: HTML, CSS
 • **Databases**: MongoDB, MySQL
 • **Tools & Platforms**: Git, GitHub, AWS, Dynex, Google Cloud Platform
 • **CS Fundamentals**: OOP, DBMS, Computer Networks, Cloud Computing, Operating Systems
 • **Areas of Interest**: Full Stack Development, Networking, Cloud Computing

CERTIFICATION

 • Completed: AWS Academy Course, Google Cloud Certifications - Cybersecurity
 • Cisco Networking & Cybersecurity Fundamentals
 • Infosys Springboard – Applied Generative AI, Python, Java
 • IBM SkillsBuild – Cybersecurity Fundamentals
 • UiPath Automation Explorer & AI/ML Basics

ACHIEVEMENTS/CO-CURRICULAR

 • 1st Place - Poster Presentation, International Conference on Green Computing
 • 2nd Place - UiPath Hackabot (Robotic Process Automation).
 • State-level participant – Speak for India Debate competitions
 • C2 Level (Proficient) – EF SET English Certification
 • Organizer - Cybersecurity Workshop, Threads'25 (150+ participants)