SWARAJ N B

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SUMMARY:

Computer Science and Engineering student at ACS College of Engineering, Bangalore (2025) with a 7.5 CGPA. Experienced in full-stack web development and Salesforce CRM through internships at Dutch Endeavours and Capgemini; notable projects include Steganography and Cryptography in Media Files and a Pharmacy Management System, Tow Me.

EXPERIENCE:

➢ **Full Stack Web Development** at DOTCH ENDEAVOURS, MYSORE. 🔗   **Oct 2023 - Nov 2023**
Gained hands-on experience in full-stack web development at Dotch Endeavours, using HTML, CSS, JavaScript, React/Angular for the front end. Built server-side logic with Node.js, Java, Python, and MySQL, and integrated RESTful APIs.

➢ **Internship** at ROOMAN TECHNOLOGIES. 🔗   **OCT 2024 - Mar 2025**
Worked as an AI-DevOps Engineer on a Multi-Cloud Strategy Project, deploying applications across AWS, Azure, and GCP using Docker and Kubernetes. Leveraged Helm, Terraform, Prometheus, Grafana, Istio, Git, and GitHub for streamlined deployment, monitoring, security, and version control. Additionally, successfully completed an IBM-certified project, further strengthening expertise in cloud-native DevOps practices and multi-cloud architecture.

EDUCATION:

Bachelor's in computer science and engineering | CGPA: 7.5   **2021 - 2025**
ACS College Of Engineering, Bangalore

Pre University | Percentage: 83.3%   **2018 - 2020**
Akshara PU college, Shikarpur, Shivamogga

SSLC | Percentage: 78%   **2018**
Akshara Residential School, Shikaripur, Shivamogga

SKILLS:

C, C++, Java, Node.js, Python, JavaScript, SQL, MySQL, AWS, GIT & GitHub, Mongo DB, AI- DevOps, Selenium, Docker, Jenkins/ CI/CD, Kubernetes.

PROJECTS:

➢ **Steganography and Cryptography in Media Files:** Developed a secure communication system by embedding encrypted messages within image and audio files using steganography (LSB technique) and cryptography (AES encryption). Ensured data confidentiality and undetectability in media transmission. Python, OpenCV, PyCrypto, NumPy, Pillow

➢ **Pharmacy Management System:** The **Pharmacy Management System** is a database-driven application for managing pharmacy operations, **including inventory, sales, and prescriptions**. It uses **SQL, PHP, and Apache** to ensure data security, integrity, and efficient transactions. The system follows **normalization (1NF, 2NF, 3NF)** to eliminate redundancy and improve performance.

➢ **TOW ME: An AI-Driven Decentralized Unified Platform for Adaptive Ride Transportation** (In Progress) (Block chain, AI, Python, Flask, React, Firebase, Google Maps API)

➢ **Multi-Cloud Deployment with Docker & Kubernetes:** Implemented a multi-cloud strategy using **Docker** and **Kubernetes** across **AWS**, **Azure**, and **GCP** to ensure scalability, availability, and vendor independence. Used **Terraform** for infrastructure automation, **Helm** for Kubernetes management, and integrated **Prometheus**, **Grafana**, and **Istio** for monitoring and traffic control.

CERTIFICATIONS:

• **Python** Certification from **coding ninjas** 🔗   **May 2023**

• **Participate in "I Tech Hackfest 2023"** from CHRIST UNIVERSITY 🔗   **July 2023**

• **Ai-DevOps Engineer** from Skill India through Rooman Technologies Pvt Ltd & IBM   **March 2025**