DARSHIL SISODIYA

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Education

New Horizon College of Engineering — **Sep. 2023 – Aug. 2027 (expected)**
B.E. in Computer Science (cgpa : 9.2) — *Bengaluru, Karnataka*

Relevant Coursework

- Data Structures and Algorithms
- Algorithm Analysis
- Object-Oriented Programming
- Web Development
- Visual Design and Prototyping
- Operating Systems

EXPERIENCE

Corediva — **August 2025 – Present**
Python Backend Intern — *Bengaluru, Karnataka (Remote)*

- Worked on building a **multi-provider email integration** with IMAP/SMTP protocols, encrypted credentials, and real-time email fetching/sending across Gmail, Outlook, and custom servers
- **Developed secure REST APIs** with JWT authentication, bcrypt encryption, MySQL database, and comprehensive error handling for user management and team collaboration
- **Implemented real-time messaging system** using Socket.IO, Flask-SQLAlchemy ORM, and modular blueprint architecture with file upload and avatar management

Projects

Eunoia Mental Health Journal & AI Therapist | Flask, MongoDB, OAuth, Ollama, Tailwind CSS, React   **June 2025**

- Engineered a **full-stack** mental health journaling platform that allows users to understand their mental health.
- Deployed **Leo LLM via Ollama** on a **Google Cloud** VM, providing a secure, AI therapy platform, achieving **99.99% up-time** .
- Designed a planner module for users to set goals, track habits, and manage tasks alongside their mental health.
- Built a secure, production-ready authentication flow using **OAuth 2.0** & **JWT,** ensuring scalable user sessions.   .

QuantumX Hackathon '25 - Multi-Channel Query Management System | Flask, Twilio, IMAP, Ngrok   **April 2025**

- Engineered a centralized system to receive and route user queries from **email (IMAP)** and **WhatsApp (Twilio API)** to the correct departments in real-time.
- Developed a real-time admin dashboard to categorize, track, and update issue status, tested with **20+ simulated queries**.
- Programmed a **Flask backend** with role-based admin access and RESTful routing logic for multi-channel message handling.
- Expedited **webhook** testing and development by integrating **Ngrok**, enabling over **20 simulated** WhatsApp message scenarios to validate **system reliability** and **real-time response handling**.

Technical Skills

Languages: Python, Java, C/C++, HTML/CSS, JavaScript
Developer Tools: VS Code, Eclipse, Google Cloud Platform, GitHub, Git
Technologies/Frameworks: Linux, WordPress, React, Node.js, Tailwind CSS, REST APIs, Spring Boot, Flask
Databases: MySQL, PostgreSQL, MongoDB

Extracurricular

Deloitte Job Simulation — **July 2025**
Forage - Deloitte Technology Consulting Virtual Experience | Python

- Merged two heterogeneous data schemas into a standardized model using Python in under 1 hour.
- Authored a professional software development proposal for a dashboard based on client requirements.
- Completed Deloitte's 3-hour virtual experience, gaining skills in data modeling and documentation.

Student College Fest - Campaign Volunteer — **December 2024**
SARGAM - New Horizon College of Engineering

- Promoted and encouraged peers to participate in my college's annual fest, SARGAM.
- Coordinated with an organizing team of 100+ members to drive event visibility and ensure smooth execution of the fest.