Nilrajsinh Vaghela

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Summary

Computer Science junior at Georgia State University, specializing in Python, HTML, CSS, Flutter, and project management. Proven ability to enhance operational efficiency and revenue through technological innovation. Strong skills in Agile methodologies, UI/UX design, and client relationship management. Actively seeking hands-on internship opportunities in the tech industry

Education

Georgia State University, Atlanta. Bachelor of Science, August 2022 to May 2026. **Major**: Computer Science

Technical Skills

Languages: Python | Html | CSS | Flutter (Dart) | Swift | SQL
Developer Tools: Flask | AWS | GIT | Jeera | REST API | Scrum | Django | Google Cloud
Other: Object Oriented Programming | Agile | MVVM | UI/UX | Data Structures and algorithms

Work Experience

Assistant Software Developer   **Georgia State University**   **April 2023 to Present**

- Led the development and deployment of a comprehensive employee management system, enhancing efficiency by automating scheduling and reporting, resulting in significant reductions in paperwork and task management time.
- Spearheaded the integration of an automated low-stock alert system within the campus dining services, cutting down stockouts by 40% and saving significant manual monitoring hours annually.

Student Leader, Chick-fil-A   **Georgia State University**   **September 2022 to March 2023**

- Orchestrated operations for a team of 12, improving workflow and customer service, which led to a 25% faster response time and a 15% rise in customer satisfaction.

Software Developer   **Ebrious Private Limited**   **July 2020 to May 2022**

- Led the design and development of over seven mobile applications using Flutter, enhancing project delivery through effective use of Jira and agile practices. Contributed to the startup's growth by providing versatile and innovative software solutions.
- Played a critical role in startup growth by delivering innovative software solutions that significantly improved operational processes

Projects

Employee Management — Python, Html, CSS, Flask, AWS, Unit Testing, Panda, Excel, CSV, JavaScript

- Developed and deployed a Flask Python web application for Panther Dining at GSU, automating scheduling, reporting, and employee management. Achieved a 60% reduction in paperwork and a 30% decrease in task management time.
- Implemented an automated low-stock alert system that reduced stockouts by 40% and saved an estimated 200 hours annually in manual monitoring.

Algo Trading Bot— Python, LSTM, Html, CSS, AWS, WebSocket, Technical Analysis, Machine Learning, Payment API

- Engineered an advanced algorithmic trading web application achieving 92\% strategy accuracy through integration with the ANGLE ONE API for real-time and historical data.
- Deployed on AWS EC2, the application utilizes Flask and WebSocket to ensure scalable, real-time data streaming and secure financial transactions.

Stock Book— Flutter, Rest API, Postman, Signal R, Web Socket, Push Notification

- Developed a Flutter-based stock market tracking app with Signal-R for real-time updates and detailed analytical graphs, enhancing user engagement and providing robust position tracking.

Hobbies   **Languages**
Photography | Travel   English | Hindi | Gujarat