

SIVA SATHWIK KOMMI

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📍 [Stony Brook, New York](#)

Education

Stony Brook University

Master of Science in Computer Science - GPA 3.44

August 2023 - May 2025

Stony Brook, NY

Sri Krishna College of Engineering and Technology

Bachelor of Engineering in Computer Science - CGPA 9.12

August 2019 - April 2023

Coimbatore, TamilNadu

Technical Skills

Languages: Java, Python, C programming, Go, JavaScript, SQL .

Frameworks: Flutter, Flask, React, Streamlit, Grok, Rasa .

Libraries: NumPy, Pandas, Seaborn. Matplotlib, BeautifulSoup, Selenium .

Cloud Platform & Tools: GitLab, Docker, Kubernetes, Zabbix, vSphere Client, OCS, Ansible, AWS, Firebase, GCP .

Experience

OpenText

January 2023 - July 2023

Associate Site Reliability Engineer

Bangalore, Karnataka

- Reorganized the Configuration Management Database by streamlining almost 2000 Configuration Items through OCS an external agent enabled by Ansible and Python.
- Compiled an automation script through PowerShell to implement the upgrade procedure for xECM (Extend Enterprise Content Management) application's components.
- Categorized and ranked Zabbix monitoring alerts, implementing an Ansible-driven automation script for batch-clearance.
- Optimized compute resources by clearing more than 200 neglected customer server alerts and related dangling alerts.
- Promoted artifacts (such as helm charts and images) and their constituting items from development to production environment leveraging Gitlab pipelines.
- Worked with vSphere Client to create virtual machines on Linux and Windows for application and database servers.
- Automated the creation of JIRA tickets, resulting in considerable time efficiency and enhanced productivity.

OpenText

July 2022 - December 2022

Intern

Hyderabad, Telangana

- Explored the realm of automation through Python and shell scripting to automate the deployment of cloud applications through Powershell.
- Trained on xECM products and successfully deployed xECM 22.2 products on a clustered environment, comprising Content Server, OTDS, Archive Center, Powerdocs, and Brava, to improve in the lab environment.

Projects

GoGetEm | *Go, RabbitMQ, MongoDB, Docker, Kubernetes*

January 2023 – May 2023

- Developed a highly scalable **Go** application, achieving 99.9% uptime and reduced deployment time by 30%.
- Implemented **gRPC** for secure microservice communication. Optimized user experience by integrating JavaScript, optimizing data handling, and achieving a **20% faster page load time**.
- Integrated **RabbitMQ** for asynchronous messaging and decoupling and achieved a 30% reduction in message processing time. Improved data retrieval speed by 40% by management of large-scale datasets using **MongoDB**.
- Utilized **Kubernetes** for load balancing and auto-scaling microservice orchestration.

BayMax Chatbot | *Python, Rasa framework, BeautifulSoup4, Kubernetes, MySQL*

August 2022 - September 2022

- Developed an e-commerce chatbot using Python and the Rasa framework. Performed real time web scrapping utilizing BeautifulSoup4.
- Leveraged Rasa's natural language processing capabilities to understand and respond effectively to user queries through Rasa NLU and Rasa Core.
- Deployed it using Kubernetes, ensuring scalability and utilized a MySQL database for efficient storage of user preferences and chat history.

DocShare | *Flutter, OAuth 2.0, AES-256, Google Firebase , Firebase Cloud Messaging*

September 2021 - October 2021

- Developed a secure mobile document-sharing application leveraging Flutter, and Integrated backend services and APIs to enable features such as document upload, sharing, and access control.
- Implemented OAuth 2.0 for password authentication and AES-256 encryption algorithm for end-to-end encryption to prevent unauthorized access attempts.
- Utilized Google Firebase (Firestore) for real-time data synchronization and implemented a notification system using Firebase Cloud Messaging, resulting in a 25% reduction in document retrieval time.