

SAI NIKHITHA CHOWDARY MANNE

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EDUCATION

University of the Pacific

M.S. in Computer Science

Stockton, CA

Expected Graduation, Dec 2025

- o GPA: 4.0/4.0
- o **Related Coursework:** Data Science, Project Management & Leadership, Mobile & Cloud Security, Visualization & Storytelling, Fundamentals of Computer Science, Systems Security.

EXPERIENCE

Uynite, Inc.

Hyderabad, India

Software Developer Intern

March 2024 – April 2024

- Integrated Java microservices into the application, to enhance functionality and performance
- Collaborated on optimizing software architecture to ensure scalability and maintainability in the development process

Optum, UnitedHealth Group

Hyderabad, India

QA Automation Intern

Jun 2023 – Aug 2023

- Developed an automated testing solution, ensuring comprehensive execution of test cases across various client-side and server-side scenarios, enhancing accuracy and reliability throughout the system.
- Collaborated with the QA team to streamline testing processes, reducing manual testing efforts and improving overall efficiency in identifying issues

Tutorials Point

Hyderabad, India

Freelancer

Jun 2022 – May 2023

- Created detailed technical content on Java, Python, and C for Tutorials Point, ensuring clarity and accuracy
- Authored tutorials and articles, enriching the site's educational resources for developers and learners

JavaTPoint

Hyderabad, India

Technical Content Writing Intern

Jun 2022 – Nov 2022

- Developed comprehensive and research-driven technical content that simplified complex topics for a wide audience, enhancing the platform's credibility and user engagement
- Collaborated with editorial teams to ensure that all content adhered to the highest standards of accuracy, readability, and alignment with the site's educational objectives

SKILLS

Programming: Java, Python, Selenium, Cucumber, JavaScript, HTML/CSS, SQL, Node.js, React.js, MATLAB, C++, C, Azure

SQA: Designing and executing test plans & test cases; System integration testing; Automating test flows with adv. Frameworks

Software Development Life Cycle: Software lifecycle, Quality engineering methodologies, Exp. with Client/Server architecture

Tools: Android Studio, GIT, JIRA, IntelliJ, PyCharm, Eclipse, AWS, Jupyter Notebooks, Git, Bootstrap, Spring Boot, Agile

PROJECTS

Robust Intelligent Malware detection using Machine Learning

Hyderabad, India

Team Lead

Dec 2023 – Apr 2024

- Worked closely with team members to design and implement advanced machine learning models, enhancing detection accuracy and integrating intelligent features to improve system security.

Smoke Detector

Hyderabad, India

Team Lead

Feb 2022 – Dec 2022

- Led the development and implementation of a smoke detection system, managed hardware-software integration for a smoke detection system and authored a term paper on the project.

CERTIFICATES

Palo Alto Networks Cybersecurity Academy

(Virtual)

Cybersecurity Foundation, Cloud Security & Network Security Fundamentals

Oct 2021 – Dec 2021

AICTE, Palo Alto

(Virtual)

Cybersecurity Virtual Internship

Oct 2021 – Dec 2021