

Sahith Thummalapally

916 Forest Ridge Drive, San Jose, California 95129 | 408-859-8648 | sahithreddy03@gmail.com

EDUCATION

University of Illinois Urbana-Champaign
Bachelor of Science in Computer Science and Statistics

Champaign, IL
August 2021 - December 2024

EXPERIENCE

Software Engineer Intern

May 2024 – August 2024

SoFi

San Francisco, CA

- Developed a backend notes service from scratch using PostgreSQL, Kotlin, and Spring Boot, enabling easier and faster note-taking for agents to enhance client support
- Created an all-in-one hub for agents to track and update member profiles using React, TypeScript, Kotlin, and Spring Boot, aiming for a 40% increase in agent efficiency
- Launched the notes service into production following rigorous integration and unit testing, ensuring high reliability and performance

Software Development Engineer Intern

May 2023 – August 2023

Amazon

Bellevue, WA

- Created a full stack, as a part of the Returns and ReCommerce ML-Tech team, end-to-end service that trains machine learning models for various return related use cases
- Advanced the project successfully to the beta development stage by implementing critical features and enhancements
- Wrote comprehensive unit and integration tests, covering over 90% of edge cases, to ensure the project's robustness and stability
- Utilized React, AWS Lambda, S3, and API Gateway

Software Engineer Intern

June 2022 – August 2022

Optum

San Jose, CA

- Modified the Apache Airflow backend to support the HashiCorp Enterprise Vault
- Discovered the correct vault structure approach and fixed the settings
- Used Python, SQL, Kubernetes, and Docker

Software Development Intern

February 2022 – May 2023

Quant

Champaign, IL

- Designed the email server, as a part of the Hermes notification server team, for handling internal and external notifications of the club
- Collaborated closely with team members to achieve project goals and deliverables
- Worked with Python, Node.js, and Auth

Software Engineer Intern

June 2021 – August 2021

Magfit

San Jose, CA

- Developed a fitness app for Magfit, a company focused on motivating the user to workout and be active
- Gained understanding and experience in the Swift programming language and learned numerous technologies that are crucial for mobile applications
- Contributed to iOS development and helped create a seamless user experience

PROJECT

LifeSavr | *Swift, Core ML, Vision*

- Developed a mobile iOS app that accurately and precisely diagnoses melanoma
- Trained a Core ML machine learning model with large dataset of melanoma images of varying degrees of severity

Aid-Ware | *Swift, Firebase, Core ML, Vision*

- Developed iOS and Android apps for real-time translation between American Sign Language and English

TECHNICAL SKILLS

Languages: Python, Java, C++, SQL, Kotlin, C, Swift, JavaScript, TypeScript, HTML

Frameworks: Node.js, Spring Boot, JUnit, React, Core ML, Vision

Developer Tools: Docker, Visual Studio Code, Git, IntelliJ, Google Cloud Platform, PostgreSQL, Eclipse, Firebase

Libraries: NumPy, OpenCV, Matplotlib