

# SAI SRINIVAS LAKKAKULA

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## SUMMARY

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Graduate student in Computer Engineering with 3+ years of results-driven software engineering excellence, exploring next adventure in the field.

## EDUCATION

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**Master of Science in Computer Engineering**, San Jose State University Jan 2021 - Dec 2022

**Course Work:** Distributed Systems, Computer Architecture, Data Structures & Algorithms

**Bachelor of Technology**, Bapatla Engineering College

Sept 2013 - April 2017

**CourseWork** Electronic Devices, Computer Networks, Computer Programming.

## TECHNICAL SKILLS

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**Programming Languages** C++, Python, PHP, JavaScript, Java (J2EE), SpringBooot

**Software Engineering** OOP, Data Structures, SDLC (Agile), Distributed Systems Design.

**Web Development** HTML, CSS, Bootstrap, React.js, Node.js, RESTful API.

**Databases & Cloud** MySQL, MongoDB, Azure, AWS EC-2, Kafka, Docker, Git

## EXPERIENCE

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**Software Development Engineer (I & II)**

Oct 2017 - Dec 2020

Capgemini Technology Services

Chennai, India

- Developed PHP based APIs for 'Namaste Capgemini' Android/iOS mobile application and streamlined 70% organization's logistic operations impacted by COVID-19.
- Pioneered ANTLR and Java based automatic code analysis and review tool called CAPCAR for legacy target programming languages. Peddled up technical code review process and reduced manual effort by 78%.
- Accelerated 50% of internal talent and resource management operations by designing and developing a cloud-based web application called MY360 using HTML, CSS, JavaScript, Ajax, PHP and MongoDB.

**Software Development Engineer Intern**

June 2022 - present

Cisco Systems

San Jose, CA

- Developed Java-based APIs in WebEx Platform Shared micro-services that enhanced error log reporting.
- Evaluated the performance of APIs continuously by ensuring the test coverage percentage to be 90%.
- Actively Monitored production incidents and redirected the issues to the respective service owners. Ensured the services availability to have 99% uptime.

## ACADEMIC PROJECTS

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**Uber Eats Clone** Replicated 90% functionality of Uber Eats Web Application by incorporating system design principles. The technology stack used is MongoDB, React, Express, Node, git, Docker, Kafka and AWS

**Quora Insincere Questions Classification** ML Techniques like Bag of Words, TF-IDF, Word Vectors are used to extract the textual information and fed into ML models Naive Bayes, logistic Regression, Decision Trees to classify the insincerity of the question text (text that goes against community standards) in Quora platform.

## EXTRA-CURRICULAR ACTIVITIES

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- Winner (2nd), Hackathon 2K18 conducted by Capgemini Technology Services in June 2018.
- Winner(1st), Technozion 2K15 Tech Fest organized by NIT, Warangal in October 2015.

## LEADERSHIP

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- Academic Advisor - Indian Students Organization (ISO) at San Jose State University.
- Mentored a group of five students in Cisco High School Coding Hackathon (Bridge School).