SAI SRINIVAS LAKKAKULA

+1(669) 204-9148 ⋄ San José, CA

saisrinu.lakkakula@gmail.com ⋄ saisrinivasl.me ⋄ linkedin.com/in/saisrinivasl/ ⋄ github.com/saisrinivaslakkakula

EDUCATION

Master of Science - Computer Engineering, San Jose State University   Jan 2021 - Dec 2022
Course Work: Distributed Systems, Computer Architecture, Data Sructures & Algorithms

Bachelor of Technology - Electronics Engineering, Bapatla Engineering College   Sept 2013 - April 2017
CourseWork: Electronic Devices, Computer Networks, Computer Programming.

TECHNICAL SKILLS

Backend Programming C++, Python, PHP, Java (J2EE), Spring Boot, Node.js, RESTful API.
Frontend frameworks HTML, CSS, Bootstrap, React.js, Redux.
Software Engineering OOP, Data Structures, Agile Project Development, Distributed Systems Design.
Databases & Cloud MySQL, MongoDB, Azure, AWS EC-2, Kafka, Docker, Git.

EXPERIENCE

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 for legacy target programing languages. Peddled up technical code review process by reducing 78% of manual effort.

- Accelerated 50% of organization level talent and resource management operations by designing and developing a cloud-based web application called MY360.

Software Development Engineer Intern   June 2022 - present
Cisco Systems — WebEx   *San Jose, CA*

- Developed Java-based APIs in WebEx Platform Shared Services that enhanced client-side error logging and search functionality.

- Evaluated the performance of APIs by ensuring the test coverage percentage fulfilled 100% coverage in both Unit and Integration tests (Mockito/TestNG).

- Actively Monitored production incidents and redirected the issues to the respective service owners. Ensured the services availability to maintain 99% uptime.

ACADEMIC PROJECTS

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

- 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

- Academic Advisor - Indian Students Organization (ISO) at San Jose State University.
- Mentored a group (3rd winner) of five students in Cisco High School Coding Hackathon (Bridge School).