

SAI SRINIVAS LAKKAKULA

+1(669) 204-9148 ◇ San José, CA

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

SUMMARY

Graduate student in Computer Engineering with 3+ years of software development experience seeking a position of Software Development Engineer.

EDUCATION

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

Programming Languages C, C++, Python, PHP, JavaScript

Software Engineering Object-Oriented programming, Data Structures, SDLC, Distributed Systems Design.

Web Development HTML, CSS, Bootstrap, React.js, Redux, Node.js, Spring MVC, SpringBooot, RESTful API

Tools WinSCP, Git, VS Code, PyCharm, IntelliJ, CLion, J-Meter

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

Operating Systems Windows 7/10, Unix/Linux Environments (Ubuntu, CentOS), MacOS, z/OS 1.4

EXPERIENCE

Software Development Engineer (I & II)

Oct 2017 - Dec 2020

Capgemini Technology Services

Chennai, India

- Developed APIs using PHP and MongoDB for 'Namaste Capgemini' Android/iOS mobile application and streamlined 70% organization's logistic operations impacted by COVID-19.
- Performed Legacy Code Analysis using CAP360 In-house application for multiple Banking, Insurance clients. The tool identified 85% technical debt on average and optimized MIPS effectively.
- 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.
- Produced PHP and Java based automation scripts and considerably narrowed down (approximately 94%) challenges in manual data conversion and mapping from mainframe to Linux based cloud platform.
- As part of Learning & Development Initiative, Acted as an interim manager for 40+ college hires and facilitated training on a spectrum of next-gen technologies for 200+ associates with 99% success rate.

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.
- Departmental Chief Co-ordinator - Alumni Association, Bapatla Engineering College.