SAI SRINIVAS LAKKAKULA

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SUMMARY

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

EDUCATION

Master of Science in Computer Engineering San Jose State University   Jan 2021 - Dec 2022
Course Work: Distributed Systems, Computer Architecture, Data Sructures & 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, Algorithms, Software Design.
Web Development	HTML, CSS, Bootstrap, JavaScript, React.js, Node.js, Express, 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 90% 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 programing languages. Peddled up technical code review process and reduced manual effort by 78%.
- Accelerated 65% 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 Concepts. The technology stack used is MongoDB, ReactJS, ExpressJS, NodeJS, git, Kafka, and AWS

Airplane Crash Analysis Using the fundamentals of Data Mining, Analysed the metrics of airplane crashes over the years, developed predictive model to predict fatalities with the input attributes in the data.

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.