K. Sri Sri Reddy

✉ srisrireddy.k@gmail.com | 📱 +91 7680855488
🐙 github.com/srisri332 | 🔗 linkedin.com/in/k-srisri-reddy

Skills

Languages: Java, JavaScript, TypeScript, Go, Python, C, SQL

Technologies & Tools: Spring, NodeJS, Kubernetes, Docker, Helm, AngularJS, ReactJS, BackboneJS, GCP, Cucumber, Selenium, TestNG, Documentum, Blackduck, Fortify Security, Webinspect, Git, Perforce, SocketIO

Databases: MySQL, MongoDB, Firebase

Experience

OPENTEXT   Aug. 2021 - Present

Software Engineer (SDE2)

- Promoted to a new role in Life Sciences Smart View. Created components in just **1 week**, surpassing the initial estimation of over a month. This led to faster feature delivery, stakeholder and a **2x improvement** in user experience satisfaction.
- Developed new feature APIs and thoroughly documented them using Swagger, resulting in a **3x faster** development time.

Associate Software Engineer (SDE1)

- Significant contributor to the development of features for Life Sciences Solutions. Created a proof of concept that demonstrated a **5-fold** increase in speed and reduced resource requirements compared to the current feature. This resulted in potential savings of more than **20% in cloud infrastructure costs**.
- Exclusively executed the delivery of **2 Hotfix Bundles** for preceding releases of the product, encompassing the resolution of over **15 bugs** per bundle, alongside comprehensive documentation, all within a stringent timeframe.
- Addressed and resolved more than **80%** of the **security vulnerabilities** within the code-base through the utilization of Fortify and Webinspect for **3 Releases.**
- **Tech Stack:** Java, Spring, AngularJS, BackboneJS, Docker, Kubernetes, Helm, Fortify, Blackduck, Webinspect, SQL, Documentum

Engineering Intern

- Employed Selenium and Cucumber as integral components of testing strategy that helped in serving as a robust automation framework, enabling the execution across various browsers covering more than **150 stories**.
- **Tech Stack:** Selenium, Cucumber, Maven, SpringBoot

Everlytics Pte Ltd.   Nov. 2020 - Apr. 2021

Frontend Intern

- Transformed more than **20 components** of the existing JavaScript application to a ReactJS-based architecture, leveraging ElasticUI for component-based development to create a flexible and adaptive user interface, resulting in a highly responsive application.
- **Tech Stack:** ReactJS, ElasticUI, NodeJS

Education

B.V. Raju Institute Of Technology (BVRIT)   2018 - 2022

B.Tech. in Computer Science and Technology
Relevant Courses: Fundamentals of Computer Science, Computer Networks, Machine Learning, Design Patterns.

Opensource & Volunteering

- Active contributor to the **Mattermost** repository, which is an open source platform for secure collaboration across the entire software development lifecycle.

Projects

GRPC Back-end System 🔗

Backend system in GO, Docker and Kubernetes

- Architected a scalable back-end infrastructure using GRpc to mimic bank transaction handling. Containerized using **Docker**. Deployed and managed using **Kubernetes**, which lead to 10% increase in deployment efficiency.

Real-Time Chat 🔗

Chat application built using SocketIO

- A chat application that allows users to create chat-rooms and communicate. Establishes bi-directional communication using **SocketIO**. Front-end developed using **ReactJS** and backend using **NodeJS**.