

Sai Eshwar Reddy Gangireddy

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Education

University of Louisiana at Lafayette

Masters of Science in Computer Science GPA: 3.77

August 2022 – May 2024

Lafayette, LA

Jawaharlal Nehru Technological University

Bachelors of Technology in Computer Science

August 2015 – May 2019

Hyderabad, India

Experience

University of Louisiana at Lafayette

Graduate Teaching Assistant

August 2022 – Present

Lafayette, LA

- * Graduate Teaching Assistant with the School of Computing and Informatics for the course Distributed Computing Systems.
- * Researched and developed a custom linguistic keyboard using Keyman for the Department of Communicative Disorders, featuring 99 % coverage of International Phonetic Alphabet (IPA) keys.

Tata Consultancy Services

Systems Engineer

June 2019 – June 2022

Hyderabad, India

- * I have primarily worked on Vodafone's range of cellular IOT products and the seamless integration of associated services within the ecosystem.
- * Spearheaded Quality Assurance and DevOps for Vodafone's cellular IoT products, achieving a 92% automation quotient through Cucumber BDD Framework and Selenium, and implementing performance tests scripts using JMeter in the CI-CD pipeline.
- * Subsequently, I transitioned into a Frontend Developer role, actively contributing to the ongoing development and enhancement of the project.
- * Led the creation of core functionalities for the application, meticulously coding responsive, user-friendly interfaces in HTML and CSS, and integrating advanced features with ReactJS, yielding a 20% boost in user satisfaction.
- * Demonstrated expertise in debugging and log analysis using Graylog, CloudWatch, and Splunk, leading to a 25% reduction in issue resolution time within intricate IT ecosystems.

BHEL

Application Developer Intern

May 2018 – July 2018

Hyderabad, India

- * Designed an application called "Site Issue Monitoring System" which serves as an issue tracking system for the employees with the main criteria of tracking the issues that occur which improved issue resolution efficiency by 25%, enhancing overall workflow and user experience.

Projects

Automate Sending Notification Using AWS SNS and Lambda | AWS SNS, SQS, Lambda

- * Implemented AWS SNS and Lambda for automated notification sending.

Expense Tracker and Split Bill Application | HTML, CSS, Bootstrap, JavaScript, PHP, MYSQL

- * Developed an application using HTML, CSS, Bootstrap, JavaScript, PHP, and MySQL for efficient expense tracking and bill splitting.

Displaying CI-CD reports in AWS S3 | Gitlab, YML, S3

- * Configured Gitlab CI-CD reports display in AWS S3, increasing tracking efficiency by 40%.

Chat Application hosted by chatEngine.io | ReactJS, ChatEngine.io

- * Hosted a chat application on chatEngine.io using ReactJS.

Book store project using MERN stack | ReactJS, NodeJS, MongoDB and ExpressJS

- * Engineered a MERN stack book store project, achieving a 15% increase in website responsiveness and scalability.

Technical Skills

Languages: Python, Java, JavaScript.

Cloud Technologies and Version Control: : AWS, Git, GitLab

Project Management and SDLC: JIRA, Agile Methodology, Behavior Driven Development, Test Driven Development.

Test Framework and Tools: JMeter, Cucumber, Selenium, Postman API Testing, Seetest Automation.

Databases: MySQL, MongoDB.

DevOps: Docker, Kubernetes, Terraform, Gitlab CI/CD.

Web Technologies: HTML5, CSS3, Javascript, ReactJs, NodeJs, ExpressJs.

Awards and Recognition

On the spot award for developing startup portal to onboard devices in different environments.

Technical Excellence Award for integrating and displaying Gitlab pipeline reports in AWS S3

Service Commitment Award for dedicated contributions during a 3 year tenure at Tata Consultancy Services.