

Sai Harish Chitluri

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Education

Master of Science, Computer Science (GPA- 3.83 /4.0) **August 2022 - Dec 2023**

University of Missouri Kansas City (UMKC)

Bachelor of Technology, Computer Science and Engineering (GPA- 9.35/10) **July 2017 - May 2021**

Koneru Lakshmiah Educational Foundation (Formerly KL University)

Skills

Programming Languages: C, C++, Data Structures, Java, Python, R, SQL

Frameworks & Tools: Spring (MVC, IOC, AOP, Boot), Hibernate, JUnit, Maven, Mockito, Swagger, Putty , Winscp

Databases: Oracle, MySQL, PostgreSQL, MongoDB, SQL Server, IBM DB2

Web Technologies: HTML5, CSS3, JavaScript, AngularJS, ReactJS, Bootstrap, XML, JSON

Web Services & Integrations: SOAP , REST, RabbitMQ , GraphQL ,Apache Kafka, Apache Tomcat

Cloud & Devops: AWS, Azure, Docker, Kubernetes, Git, Jenkins, Bitbucket, Jira , Splunk

Work Experience

Software Engineer Intern | Infinito Solutions, Georgia **May 2023 - Aug 2023**

- Collaborated with Transunion Platform Enablement Team to facilitate the migration of enterprise components from on-premises to cloud-based web services.
- Played a key role in creating essential infrastructure components such as EC2 instances, S3 buckets, DynamoDB tables, and VPC setups within the AWS Cloud environment.

Associate Software Engineer | Informatica R&D , India **April 2022 - Aug 2022**

- Developed Google Drive Integration for Data Privacy Management, utilizing the Metadata API to detect sensitive metadata. Implemented authentication using Spring Security.
- Developed Data Security features like identifying sensitive data proliferation, calculating risk scores based on user inputs and alerting the user during security breach.
- Configured RabbitMQ exchanges, queues, and bindings to establish an efficient communication flow between email producers and consumers.


Member Technical | Automatic Data Processing, Inc, India **July 2021 – March 2022**

- Designed REST API's for the Tax Entry Hub Application, leveraging Spring Boot, and enforced JWT Authentication.
- Integrated with Apache Kafka to Process bulk events to Database for Combo Processor Application.
- Implemented Redis Caching Mechanism in the Lookup services application, boosting cache efficiency by up to 80%
- Elevated code quality for the Caps Framework of the TEH Application using SonarQube, BlackDuck, and Checkstyle.

Software Engineer Intern | Global Infotech, India **May 2020 - May 2021**

- Constructed the web tier using Spring MVC, orchestrating web-based application service components, and configuring bean setups through Spring IoC.
- Assisted in the migration of application logs to Splunk, optimizing log management and analysis.
- Constructed pipelines for seamless automated deployments using Jenkins and Ansible, streamlining the deployments.

Projects

Research Paper Recommendation System |  - Python, Flask, Angular, AWS **September 2022**

- Created a Recommendation System to provide relevant research papers based on the input provided by the User search through application GUI.
- Improved the accuracy by building the hybrid pipelined model using 2-layer Filtering using NLP Algorithms.
- Deployed the web application on AWS using Serverless Lambda functions and generated reports using AWS QuickSight.

Company Collaboration Form | *Java, Restful Webservices, Angular, Bootstrap, Junit, IntelliJ* **August 2021**

- Created a web application using Java to allows businesses to recognize and reward their employees from time to time.
- Implemented the authentication using JWT and encrypted the DB passwords using B-Crypt hash algorithm.

Honors and Awards

- Winner of UMKC CAM Research-A-Thon Competition Spring 2023 (Application Track)
- 1st Runner-up in ADP India Hackathon 2021 (Application Development)
- Academic Honors : Dean's Merit scholarship for academic excellence during masters program.