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, gRPC, WebSockets, RabbitMQ, GraphQL, Apache Kafka, Tomcat

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

Certifications: Pega Certified System Architect , Oracle Certified Java SE8 programmer

Work Experience

Software Engineer Intern | Infinito Solutions, Georgia   **May 2023 - Aug 2023**
- Migrated Transunion Credit Applications from on-prem to Cloud-based services, increasing **scalability from 30 million to 100 million** credit reports and **perfomance by 6x times**
- Integrated Splunk, an event monitoring framework, to send actionable events and security alerts to notify user when high risk conditions are detected
- Contributed as **Scrum Master** in the product development process

Associate Software Engineer | Informatica R&D , India   **April 2022 - Aug 2022**
- Designed a Proof of Concept (PoC) for Google Drive integration with Data Privacy Management Software
- Designed new user interface for sensitive fields page to support bulk curations which **improved the performance by 4x times**
- Introduced sensitive data discovery, data proliferation discovery, subject data discovery for new PAM (Product Availability Matrices) items such as **Google Big Query, Azure SQL Server, MongoDB**

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 | Global Infotech, India   **May 2020 – May 2021**
- Configured RabbitMQ exchanges, queues, and bindings to establish an efficient communication flow between email producers and consumers
- Designed and executed CI/CD pipelines for efficient Docker container-based application 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.