

Sai Harish Chitluri

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Education

Master of Science, Computer Science (GPA- 3.81 /4.0)

August 2022 - May 2024

University of Missouri Kansas City

Bachelor of Technology, Computer Science (GPA- 9.35/10)

July 2017 - May 2021

Koneru Lakshmiah Educational Foundation, India

Technical Skills

Programming Languages: Java, C, C++, Python, R, SQL, Javascript, Node.js, Express.js

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, MaterialUI, Tomcat

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

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

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

Work Experience

TargetArc, NJ | Software Engineer Intern

Sep 2023 - Present

- Created a Generative AI based Prompt Manager application with React and Material UI that was used by 50k+ users to manage prompts.
- Built REST APIs with Node.js and Express.js to store and retrieve generative prompts and responses in MongoDB.
- Orchestrated the application deployment using Docker Containers, leveraging containerization to enhance resource optimization and streamline deployment processes.

Infinito Solutions, GA | Software Engineer Intern

May 2023 - Aug 2023

- Migrated Transunion Credit Applications from on-prem to Cloud-based services, increasing **scalability from 30 million to 70 million** credit reports and **performance 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.
- Enhanced the product's capabilities and user experience by adding new features using Angular.js for Portal application.

Informatica, India | Associate Software Engineer

April 2022 - Aug 2022


- Designed a Proof of Concept (PoC) for Google Drive Integration with Data Privacy Management using OAuth2.0.
- 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**.

ADP, India | Software Engineer

July 2021 - March 2022

- Designed REST APIs for the Tax Entry Hub Application using Spring Boot, and enforced JWT Authentication.
- Utilized Apache Kafka to process events generated by Combo Processor Application and persist them to N8 system.
- Implemented Redis caching mechanism in the Lookup Services application, resulting in 80% increase in cache efficiency.
- Elevated code quality for the Caps Framework of the TEH Application using SonarQube, BlackDuck, and Checkstyle.

Projects

NLP 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.

Company Collaboration Application | Java , RESTAPI ,Angular, Bootstrap , AWS , Docker

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.