

Sai Harish Chitluri

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Education

University of Missouri Kansas City

August 2022 - May 2024

Master of Computer Science

CGPA: 3.85 /4.00

Coursework : Algorithms, Cloud Computing, Distributed Systems, Data Science, Big Data Management

Koneru Lakshmiah Educational Foundation, India

July 2017 - May 2021

Bachelor of Technology, Computer Science

CGPA: 9.35 /10

Coursework: Operating Systems, Object Oriented Programming, Data Structures, Software Engineering

Technical Skills

Programming Languages: Java, C++, SQL, Javascript, Python, R, HTML5, CSS

Libraries/Frameworks: React.js, Redux, Angular.js, Spring MVC, Spring Boot, Flask, Node.js, Express.js, Mockito

Databases: SQL, MySQL, PostgreSQL, NoSQL MongoDB, SQL Server, IBM DB2, DynamoDB

Web Services: REST, WebSockets, RabbitMQ, GraphQL, Apache Kafka, SOAP

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

Certifications: AWS Certified Developer Associate, Oracle Certified Java SE8 programmer

Work Experience

TargetArc, NJ | Software Engineer Intern

Sep 2023 - Present

- Architected and delivered highly scalable Prompt Management Platform involving the development of 30+ REST APIs in **NodeJS**, **ExpressJS**, multiple UI Components using **ReactJS** and **Material UI** and optimisation of business flows.
- Revolutionized prompt customization with intuitive features like **Prompt Templating** and **Enhanced Evaluation**, integrated into **CO-STAR** framework for effortless fine-tuning across Large Language models.
- Pioneered a Docker-based Prompt Manager system with streamlined CI/CD on AWS, slashing deployment time by 80%.

Informatica, India | Software Developer

April 2022 - Aug 2022

- Managed full SDLC under Agile Methodologies, leading a team of 2 juniors for a seamless upgrade of Data Privacy Management Platform resulting in a 4.5 headcount efficiency gain.
- Designed a Proof of Concept (PoC) for Google Drive Integration using **Java8** and **Spring Boot** to identify the sensitive metadata with Data Privacy Management using **OAuth2.0**.
- Pioneered an interactive meta-data-driven analytics dashboard from front to back leveraging Java 8 for backend API development and **React-Redux** for frontend with RESTful APIs for connectivity.
- Optimised REST APIs performance through strategic utilization of indexing techniques and MongoDB aggregation frameworks, culminating in a **notable 45% reduction in response time**, thus significantly improving overall performance

ADP, India | Software Developer

July 2020 – March 2022

- Developed high efficiency micro services in **Java8** and **Spring Boot** by utilising **Apache Kafka** and **Zookeeper** to process events to N8 System delivering an asynchronous communication for extreme performance.
- Re-engineered Tax Entry Hub framework logic (7 to 10 years old) along with logging by exploring and mitigating implementing **indexing**, **improving load time by 75%** and reducing support load by 43%.
- Enabled **Splunk** integration, migrating Mosaic Application logs and establishing alerts for enterprise logging and monitoring, enhancing operational efficiency.

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.
- Achieved 72% accuracy by building the hybrid pipelined model using 2-layer Filtering using NLP Algorithms.

Company Collaboration Application | Java, Spring Boot, React, MySQL, Figma, Git

August 2021

- Created a web application using Java to allow 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

- Spring 2023 UMKC CAM Research-A-Thon Winner and "DISA" Scholarship recipient during Master's Program.
- Secured 1st Runner-up position in the ADP India Hackathon.