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(Portfolio)

Top Skills

Large Language Models (LLM)
OpenSearch
LLAMAIndex

Languages

English (Limited Working)
Telugu (Native or Bilingual)
Hindi (Elementary)
Tamil (Limited Working)

Certifications

Pandas Micro-Course
Python: Data Analysis (2015)
Programming Foundations:
Algorithms
Python: Data Analysis (2015)
Hadoop Foundations - Level 1

Honors-Awards

Star of the Quarter
On the Spot Award

Vikram Sai Simha Vissamsetti

Full Stack Developer @ Enablix | Angular, Java, Ionic, RAG
Hyderabad, Telangana, India

Summary

As a Full Stack Developer at Enablix, I create and optimize software solutions using Java, Angular, Spring Boot, MongoDB, and Ionic Framework. I work on multiple UI changes and updates, which enhance the overall user experience of the product. I also integrate the front-end with the back-end systems by developing REST APIs, which streamline communication and improve efficiency.

I have over three years of experience in developing software solutions for various domains and platforms. I have developed a Learning Module, a cross-platform mobile app that provides users with educational resources, and leveraged Aspose and Apache POI APIs for seamless document management. I have also implemented automation scripts to streamline testing processes and reduce manual effort for British Telecommunications. I have a Bachelor of Engineering degree in Electrical, Electronic and Communications Engineering Technology from Arunai Engineering College. I am passionate about learning new technologies and enhancing my skills. I am a dedicated and collaborative developer who values quality, innovation, and customer satisfaction.

Experience

Enablix
Full Stack Developer
March 2021 - Present (5 years 2 months)
Ashburn, VA

At Enablix Inc., I contributed to enhancing product usability, efficiency, and accessibility across several key areas:

1. User Interface Redesign: Improved product accessibility and user experience through a revamped UI, incorporating modern design principles and user feedback.

2. Automated Excerpt Generation: Developed an LLM-powered system to generate succinct excerpts for sales assets, analyze content, and create relevant tags, boosting asset discoverability and minimizing manual effort.
3. RAG-based Chatbot for Information Retrieval: Built a RAG chatbot for effective sales asset information retrieval, utilizing OpenAI's GPT for quality responses and OpenSearch as a vector database. LlamaIndex orchestrated the RAG structure for seamless integration.
4. REST API Implementation: Developed REST APIs to link the front-end with back-end systems, streamlining communication and enhancing overall product efficiency.
5. Quality Assurance: Incorporated quality checks in updates to ensure system stability and efficient functionality.
6. Learning Module Creation: Introduced a Learning Module that provided users with training resources, enhancing product knowledge and usability.
7. Aspose API Integration: Leveraged the Aspose API for efficient PPT slide merging, reducing time and resource expenditure.
8. Export Feature with Apache POI: Developed a data export feature using Apache POI, enabling users to export reports and documents in various formats with ease.
9. Mobile App Development: Built an Android and iOS app using the Ionic framework, expanding product accessibility on mobile platforms.
10. Analytics & Optimization: Used analytics to enhance system performance and user experience by identifying improvement areas and implementing optimizations.

This experience at Enablix sharpened my technical skills and allowed me to contribute meaningfully to the product's value for customers.

Tata Consultancy Services

System Engineer

July 2019 - March 2021 (1 year 9 months)

Bengaluru, Karnataka, India

1. Implemented automation scripts to streamline testing processes and reduce manual effort.
2. Tested a variety of new networking devices to ensure they met quality and performance standards.
3. Developed and maintained detailed testing plans, procedures, and schedules to ensure comprehensive test coverage.
4. Contributed to the overall improvement of the system quality and performance through effective testing and thorough bug reporting.
5. Improved the quality of work by identifying and addressing issues early in the development process.

In this role, I was responsible for ensuring the quality and performance of new networking devices for British Telecommunications. By implementing automation scripts and developing detailed testing plans, I was able to streamline testing processes and reduce manual effort, allowing us to complete testing more quickly and efficiently. I also contributed to the overall improvement of the system quality and performance by identifying and reporting bugs, and by working closely with development teams to ensure that issues were addressed early in the development process. Through my efforts, I was able to improve the quality of work and ensure that our networking devices met the high standards expected by our customers.

Education

Arunai Engineering College

Bachelor of Engineering (BE), Electrical, Electronic and Communications
Engineering Technology/Technician · (2015 - 2019)

Sri Chaitanya Junior College

Intermediate, Mathematics · (2013 - 2015)