

SAI TEJESH GONEMADATALA

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Summary

Experienced Full Stack Developer with over 2.5 years of experience in designing and developing enterprise-level applications using Angular, React.js, Node.js, and Java. Skilled in building responsive UIs, integrating frontend with backend services, and optimizing system performance. Proficient in Oracle DB, JPA, and Spring Boot for backend development and ETL operations. Experienced in migrating legacy systems, automating processes with CI/CD pipelines in Azure DevOps, and conducting unit testing with Selenium. Expertise in SAP Process Integration (NetWeaver 7.5) and project management tools like JIRA and Confluence.

Skills

Programming Languages: C#, Java, Python, ABAP, SQL

Database: Oracle DB, Microsoft SQL, MySQL

Web technologies and Frameworks: HTML, CSS, Java Script, AngularJS, React.js, Node.js

Tools: Git, BitBucket, Jenkins, Spring Boot, MS visual studio, GitHub, SAP PI NetWeaver 7.5

Work Experience

Seanergy Digital Inc.

Plano, TX

Software Engineer

February 2025 – Present

- Developed and maintained scalable React.js applications, ensuring optimal performance and user experience.
- Implemented **state management** using **Redux** and **Redux-Saga**, optimizing data flow and API interactions.
- Integrated frontend applications with backend services, consuming **REST APIs** and managing API calls efficiently.
- Optimized frontend performance by implementing **code-splitting, lazy loading, and memoization techniques**.

eNcloud Services

Katy, TX

Software Engineer

August 2024 - January 2025

- Involved in gathering requirements for the application and worked with the business team to review the requirements.
- Designed and developed a cross-platform website using React Native, incorporating Material UI for a clean and responsive user experience.
- Optimized components and workflows to enhance performance and scalability of the application.
- Proficient in building RESTful APIs and server-side applications using Node.js.
- Skilled in integrating third-party APIs and services for enhanced functionality.
- Developed test cases for each component in different panels using Junit, reported and deployed using Jenkins.
- Integrated Oracle DB with a Node.js backend to handle robust data storage and retrieval.

Cencora (AmerisourceBergen)

Pennsylvania, USA

Application Delivery ERP & Integration Intern

June 2024 – August 2024

- Developed an enterprise-level portal utilizing Angular for frontend architecture and Node.js with Oracle DB for backend API development, incorporating microservices to deliver a scalable and robust solution.
- Designed responsive, visually appealing UIs, adhering to best practices for UI/UX to enhance user experience.
- Developed the frontend using Angular components, forms, validations, and HTTP requests to ensure functionality and performance.
- Implemented new features including automated email notifications, enhancing system functionality and user communication.
- Managed code repositories using GIT within Azure DevOps, implementing RESTful APIs and leveraging expertise in SAP Process Integration NetWeaver 7.5.

- Developed data flow diagrams for five production systems using MS Visio, effectively mapping system processes and data interactions.
- Managed SAP PI configuration, mappings, and monitoring, ensuring seamless integration and efficient system communication.

Tata Consultancy Services (TCS)

Hyderabad, India

System Engineer

November 2020 – August 2022

- Worked as a UI Developer, integrating user interfaces with backend services and logic enhancements, focusing on improving existing applications using the React framework and Java services.
- Developed a web application to streamline maintenance and loading of manual positions.
- Contributed to the rewrite and migration of an existing .NET application to React.js and Java, enhancing performance and scalability.
- Created and executed test cases for each implementation, performing unit testing to ensure functionality and reliability.
- Worked on ETL operations, implementing batch jobs based on business logic using a Spring Boot approach to enhance data processing and system efficiency.
- Developed multiple screen modules based on specific business requirements, ensuring alignment with user needs and functionality.
- Built server-side applications and performed database manipulation using an Oracle database, following a JPA approach for seamless data management.

Centre for Development of Advanced Computing(C-DAC)

Hyderabad, India

Intern

May 2019 – June 2019

- Developed RTL code in Verilog/VHDL for circuit design.
- Created test benches and performed functional verification using system Verilog.
- Collaborated with senior engineers to troubleshoot design issues and optimize performance.

Projects and Research

ATSIRE: Advanced Tracking System with Intelligent Resume Embeddings

- Optimized resume-job matching algorithms, enhancing the quality of candidate selection and placement. Developed resume and job description embeddings to enable efficient candidate evaluation and improve job fit.
- Fine-tuned large language models (LLMs) by comparing traditional methods like TF-IDF with BERT and GPT, resulting in a 30% improvement in accuracy for detecting and mitigating bias, promoting more equitable and inclusive hiring practices.

iCare – Hospital management web application project developed using ASP.NET MVC framework.

Employee Self-Service Portal – Developed 20 entities database in Microsoft SQL and SQL Server Management Studio and performed normalization.

Bus Booking System – Developed a web application using Angular for frontend and used .Net for backend. Implemented REST APIs to handle users and bookings.

Education

Master's in Computer Science

3.909 GPA

University of North Texas, USA

Aug 2022 – May 2024

Bachelors in Electronics & Communication Engineering

8.77 GPA

GITAM University, India

June 2016 – June 2020