

SATYA SAI SIVA PRASAD TALAPUREDDI

183 St Helens Road, Bolton, England, United Kingdom, BL21JT | +447 443 197 021 | satyasai299@gmail.com | [linkedin.com/in/satya-sai-siva-prasad-talapureddi-8345b1210](https://www.linkedin.com/in/satya-sai-siva-prasad-talapureddi-8345b1210)

PROFILE

Software Developer with extensive experience in software engineering, specializing in testing, troubleshooting, and providing tuning recommendations for SAP applications. Proficient in various software development and test methodologies, performance testing tools, data analysis, and visualization. Skilled in performance tuning of SQL queries, programming languages such as Python, Java, and ABAP, as well as JVM tuning techniques. Seeking opportunities to utilize expertise in cross-functional teams to characterize, debug, and improve system performance and scalability.

EDUCATION

Jawaharlal Nehru Technological University Kakinada | Kakinada, India Jun 2017 – Jul 2021
Bachelor of Technology in Electronics and Communication Engineering (Grade - 1st)

WORK EXPERIENCE

Clifton Trade Bathrooms Ltd | Manchester, United Kingdom Oct 2023 – Present
Software Developer

- Led performance assessment and optimization efforts for SAP applications, including those built on S/4 HANA.
- Worked closely with development teams to debug and improve system performance and scalability on platforms such as SAP BTP, AWS, and GCP.
- Conducted comprehensive performance testing and analysis for mobile applications, identifying and addressing performance issues.
- Utilized Docker and Kubernetes to deploy and manage performance testing environments efficiently.
- Applied knowledge of algorithms and Big O-Notation to optimize application performance.
- Collaborated with stakeholders to define performance requirements and establish performance targets for new projects.
- Mentored junior team members on performance engineering principles and best practices.
- Presented findings and recommendations to management and stakeholders, demonstrating excellent verbal and written communication skills.

Atos Syntel | Bangalore, India Oct 2021 – Jul 2023
Associate Consultant

- Collaborated with cross-functional teams to enhance system performance and scalability for SAP applications.
- Developed and executed performance and scalability tests and benchmarks, utilizing tools such as Loadrunner Enterprise and JMeter.
- Conducted in-depth data analysis and visualization to identify performance bottlenecks and provide tuning recommendations.
- Designed and implemented a performance test automation framework to streamline testing processes.
- Provided expertise in SQL query performance tuning, optimizing database interactions for improved application performance.
- Participated in architecture and design reviews, contributing performance perspectives to complex engineering efforts.

- Integrated performance tests into continuous delivery pipelines, ensuring performance considerations throughout the development lifecycle.
- Developed and documented performance engineering principles, test strategies, and best practices.

Triad Techno Services | Hyderabad, India

Apr 2021 – Oct 2021

Intern

- Expertise in Java programming language and experience in building scalable, maintainable, and efficient applications.
- Extensive knowledge of front-end technologies including JavaScript, HTML, CSS, Angular, React, and responsive UI design principles.
- Involved in developing UI using Spring MVC framework JSP, JSTL, HTML5, CSS3, JavaScript, JQuery, AJAX, and Angular JS.
- Proficient in working with various databases, including MySQL, PostgreSQL, and MongoDB.
- Skilled in analyzing complex problems and developing innovative solutions to optimize performance and user experience.

TECHNICAL SKILLS

- **Performance Engineering:**
 - Performance testing and scalability assessment
 - Proficiency in Loadrunner Enterprise, Apache JMeter
 - Performance bottleneck identification and troubleshooting
 - Tuning recommendations for system optimization
 - Development of performance test automation frameworks
 - SQL query optimization and database performance tuning
 - JVM tuning techniques for improved application performance
 - Experience with algorithms and Big O-Notation
- **Software Engineering:**
 - Knowledge of Agile and Scrum methodologies
 - Proficiency in Python, Java, ABAP, C++
 - Understanding of software architecture and design principles
 - Debugging and troubleshooting complex software systems
 - Version control systems expertise (Git)
 - Familiarity with software development tools and environments
 - Excellent verbal and written communication abilities
 - Creativity and adaptability to new technologies

ACHIEVEMENTS

- Recognized for exceptional teamwork and communication skills, resulting in successful cross-departmental collaboration on a critical project.
- Contributed to developing a high-performance module, resulting in a 25% improvement in application responsiveness.

ACTIVITIES

- Attended seven days of Special Camping Programs conducted by the **National Service Scheme** for cleaning the village and educating the people and their children about new technologies from 23rd October 2016 to 29th October 2016.
- Attended two days of Special Digital Summit '19 conducted by **Miracle Software System** for learning new technologies like Cloud, Cognitive, Blockchain, IoT, machine learning, and DevOps from 12th December 2019 to 13th December.