

Sai Nithin Yagati

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Education

University of Missouri-Kansas City Kansas City, Missouri	May 2024
Master of Science in Computer Science	GPA 3.7/4
SRM University Chennai, India	June 2021
Bachelor of Technology in Computer Science Engineering	GPA 8.16/10

Skills

Programming Languages: Python, JavaScript, Java, C++, C#
Databases: MySQL, Microsoft SQL Server
Frameworks: Node.js, Express, Django, Bootstrap, Materialize
Cloud Technology: Azure
Version Control: Git, GitHub
Tools: Visual Studio Code, PyCharm, IntelliJ,
Methodologies: Agile/Scrum, Waterfall

Certifications

Microsoft Azure AZ-900 Credential ID: 8FB324CFC91AF222	March 2022
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Professional Experience

Tata Consultancy Services (TCS) Hyderabad, India	June 2021-July 2022
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Assistant System Engineer

- Followed an agile SDLC approach, collaborating with stakeholders to identify business needs and architect scalable microservices using .Net technology, for a large-scale retail platform, resulting in a 20% improvement in application responsiveness and seamless integration with existing systems.
- Faced performance bottlenecks in a high-traffic retail platform due to inefficient data retrieval methods. Utilized advanced **LINQ** techniques and analytical thinking to redesign queries, resulting in faster data access and improved user experience.
- Leveraged communication skills and technical expertise, provided exceptional user support through platforms like **ServiceNow** and **Jira**, resolving critical issues promptly and contributing to a 60% increase in user satisfaction.
- Applied root cause analysis to tackle 19 critical issues in undocumented legacy code, exhibiting my technical adaptability and problem-solving skills. Provided solutions which improved system stability by 18%.
- Utilized **Root Cause Analysis** techniques to investigate and resolve a performance bottleneck in the database, leading to a 30% reduction in query execution time.
- Integrated unit testing seamlessly into my development workflow, leading to early detection and resolution of defects, contributing to a 25% reduction in software defects and improved code quality.
- Developed and maintained comprehensive **software documentation** to ensure user understanding and product adoption.

Bharat Sanchar Nigam Limited (BSNL) Hyderabad, India

June 2019-June 2019

Web Developer Intern

- Championed user experience and accessibility by developing and maintaining a dynamic web portal using **HTML**, **CSS**, and **JavaScript**, ensuring smooth navigation and inclusivity for diverse stakeholders.
- Leveraged JavaScript and **Python** expertise to craft a **chatbot** application, automating customer service inquiries and achieving a 30% reduction in response time, demonstrating efficiency and problem-solving abilities.
- Secured data integrity for the web portal by troubleshooting and resolving critical bugs, showcasing attention to detail.
- Collaborated effectively with a team of 5 developers to design and implement a captivating portfolio website showcasing the company's projects, demonstrating teamwork, communication, and design skills.

Projects

Decentralized Storage Network , University of Missouri-Kansas City	Oct 2023
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- Built a user-friendly interface using **ReactJS** for data upload, retrieval, and access control, showcasing the DSN's intuitive design and ease of use.
- Designed and implemented **Solidity** smart contracts to facilitate secure and **decentralized** peer-to-peer data exchange within an Ethereum DApp, enabling direct data transactions between users.

Portfolio Website

Feb 2024

- Engineered React and a custom-built API to craft a dynamic portfolio, seamlessly integrating project demonstrations, interactive data visualizations, and a real-time contact form, showcasing strong full-stack development abilities.
- Implemented a strategic **SEO** and content creation approach that resulted in a noticeable increase in website visitors.

Awards and Honors

- Recognized with the Fitness Friend Award for leveraging strong communication and leadership abilities.
- Recipient of the Appreciation Award at TCS for contributions to the development team for solving high severity issues.
- Graduated with distinction, achieving a top-tier performance with a score exceeding 85%.