Sai Nithin Yagati

Kansas City, MO | +1 816-462 8983 | [sainthin.yagati99@gmail.com](mailto:sainthin.yagati99@gmail.com) | [www.linkedin.com/in/sainithin-yagati](http://www.linkedin.com/in/sainithin-yagati)

# 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

# Professional Experience

**Tata Consultancy Services (TCS)** Hyderabad, India June 2021-July 2022

**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

* 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,** University of Missouri-Kansas City 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%.