**Sai Deepak Gurrala**

Saideepakgurrala@my.unt.edu| (940) 703 8140 |USA | [LinkedIn](https://www.linkedin.com/in/sai-deepak-gurrala-08102620b/)

# Summary

Results-driven Software Engineer with over 2 years of experience in full-stack development, specializing in C#, .NET Framework, ASP.NET, and MS SQL. Adept at designing scalable database solutions, implementing CI/CD pipelines, and delivering user-focused applications through collaborative teamwork in Agile environments. Proven track record of optimizing system performance reducing deployment times by 30% and enhancing data retrieval efficiency by 20% by leveraging tools like Orchestrator and Git. I am passionate about driving technical innovation and contributing to cutting-edge software solutions. Open to relocation across the United States.

# Technical Skills

* **Programming languages:** Python (Pandas, NumPy), Java, C#
* **Database technologies**: SQL (Joins, CTEs, Indexing, Window Functions, Stored Procedures), DDL, MySQL, SQL Server
* **Web technologies:** HTML, CSS, ASP.net, Bootstrap, Node JS, EJS
* **Frameworks**: ASP.net, Angular
* **Cloud**: Git, CI/CD Pipelines, Orchestrator, Oxford
* **Project Management & Collaboration**: JIRA, Confluence, Agile & Scrum Methodologies

# Professional Experience

## **Software Engineer Associate,** Infor 04/2022 – 08/2023 | Hyderabad, India

* Developed and maintained finance applications, contributing to front-end (Angular), back-end (C#), APIs, and database layers using ASP.NET Framework, delivering optimized solutions for IT finance team.
* Led implementation of a CI/CD pipeline using Orchestrator, enabling dozens of daily code deployments and reducing deployment time by approximately 30%.
* Collaborated with cross-functional teams to analyse requirements and implement new features, optimizing application functionality and user experience.
* Designed and integrated user-friendly interfaces for seamless data transfer between the OMP and Softrax application.
* Designed scalable SQL database schemas to manage large datasets (e.g., 500K+ records), improving retrieval efficiency by 20%.
* Implemented Orchestrator jobs to automate daily execution of stored procedures.
* Enhanced KMS application with intuitive navigation buttons, reducing user interaction time by 15%.
* Demonstrated strong problem-solving skills, addressing technical challenges and optimizing application performance.
* Effectively managed time and prioritized tasks, meeting project milestones and deadlines.
* Implemented CI/CD process using Oxford for development team, allowing dozens of code deployment and Test results Update.

## **Intern,** Mindtree 12/2021 – 04/2022 | Hyderabad, India

* During my internship at Mindtree, I had an opportunity to contribute to work on projects and gain valuable experience in SQL, Python and Angular.
* Demonstrated problem-solving skills, troubleshooting issues and proposing innovative solutions.
* Demonstrated proficiency in SQL database design, ensuring efficient data management.
* Collaborated with a dynamic team of interns to develop an application for online food delivery, as final assignment in internship.

# Certifications

* Harvard University CS50's Introduction to programming with Python course completion, awarded from Cambridge, Massachusetts
* Internship Completion certificate from Mindtree Private limited.
* Software Engineer virtual experience certificate from JPMorganChase.

# Education

Master of Science (3.88/4 cgpa) | University of North Texas  **Computer Science**