

PRAGATI SONNAD

Jefferson City, MO 65101 • +1 (573) 647-4524 • psybq@mst.edu • [linkedin.com/in/pragati-sonnad](https://www.linkedin.com/in/pragati-sonnad)

Education:

Master of Science(MS): Computer Science, 05/2024

3.7 GPA

Missouri University of Science and Technology - Rolla, MO

Bachelor of Engineering: Information Science, 09/2020

8.4 CGPA

KLS Gogte Institute of Technology - Karnataka, INDIA

Skills:

Microsoft Office, Visual Studio, Eclipse, Jupyter Notebook, MySQL, SSMS, Visual Studio Code, Postman, Power Bi Desktop, GitLab, Google Collab

• C, Java, C#, JavaScript, HTML, HTML5, CSS, SQL, MVC, MongoDB, PowerBI, ADF, jQuery, ADO.Net, VB.NET, Grafana, Blazor

Work History:

IT Developer CO-OP, June 2023 – May 2024

Melton Machine and Control Company, Washington MO

- Worked extensively with the **.NET framework**, utilizing **VB.NET** language to develop and enhance software solutions, resulting in a 30% increase in application performance.
- Proficiently managed and maintained databases using **SQL Server Management Studio (SSMS)**, overseeing a database of over 1,000 records, ensuring data integrity and efficient data retrieval.
- Successfully delivered and supported 5 small-scale applications, addressing various departmental needs, and resulting in a 25% improvement in overall operational efficiency.
- Spearheaded the design, implementation and testing of a customized ticket record system called "**Parachute**", reducing issue resolution and streamlining the workflow of 50+ employees.
- Developed and maintained **Grafana** dashboards to visualize and monitor system performance metrics, providing actionable insights for the team and utilized **Grafana's** querying capabilities to extract and display data from various sources such as databases and logs.
- Leveraged **Blazor framework** to architect and develop a feature-rich cart system application, enhancing user experience and streamlining the checkout process.
- Utilized **C#** language and **.NET framework** to implement backend logic, database interactions, and frontend components within the **Blazor** application.

Software Developer, 12/2020 to 06/2022

Mindtree Ltd

- Worked on Microsoft built-in software "**Microsoft 365 -Sales**"
 - Revised, modularized and updated old code bases to modern development standards, reducing operating costs and improving functionality
 - Developed dashboards and reports using **Power BI** to provide insights into key business metrics resulting in improved decision-making.
 - Designed and implemented ETL processes to automate data integration from multiple data sources into a data warehouse
 - Developed a custom workflow using **Power Automate tool** that improved approval process for a client in the financial industry by 15%
 - Led a team of 3 developers to design and implement a complex custom plugin and web resources that improves data accuracy.
 - Implemented data pipelines using **Azure Data Factory (ADF)** to integrate data from various sources, into a centralized data warehouse for reporting and analysis.
 - Published all the features to test, pre-prod and prod environment for deployment and handling if any errors occurred Trained and managed team of developers and discussed issues in order to provide resolution and apply best practices. Delivered 20+ client proposals on short deadlines by prioritizing the task
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PROJECTS:

- **Books Recommender System:**

Three different data mining modelling technique used in this project to check which one gives the highest accuracy. The techniques used: Logistic Regression, Naives, Random Forest

https://gitlab.com/pragati_projects/data-mining

- **Brain Tumor Detection:** Brain tumor is detected by using thresholding segmentation, watershed based segmentation and with the help of some morphological operators

GITLAB LINK:

https://gitlab.com/pragati_projects