

## GAYATHRI PITTU(She/her)

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### OBJECTIVE

Enthusiastic and adaptable Computer Science graduate seeking an Entry Level Software Engineer position to leverage diverse skills in software development, data analysis, and problem-solving. Eager to contribute to high-quality application development and deliver scalable solutions.

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### WORK EXPERIENCE

#### GRADUATE TEACHING ASSISTANT

AUG 2022 – Present

##### Bowling Green State University, Bowling Green, OH, USA

- Assisted faculty in teaching Data Structures and Algorithms, Design and Analysis of Algorithms and Introduction to Python Programming.
- Guided students through complex programming concepts in Python, Data Structures, and Algorithms, aiding in their practical understanding and application.
- Reviewed and gave feedback on assignments, focusing on programming errors.

#### DIGITAL SPECIALIST ENGINEER | INFOSYS LTD

AUG 2021 – JUL 2022

##### HYDERABAD, TELANGANA, INDIA

- Worked on Azure Data bricks, HIVE, SQL.
  - Collaborated on ETL tasks to maintain data integrity and ensure pipeline stability.
  - Quickly diagnosed and resolved Azure Data Factory pipeline failures.
  - Provided efficient customer support for Microsoft Azure Platform services.
  - Designed and troubleshooted Business Analytics reports using Power BI, liaising with internal teams and vendors for issue resolution.
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### EDUCATION

#### Bowling Green State University, Bowling Green, Ohio, USA

AUG 2022 -May 2024

Master of Science in Computer Science | GPA - 4

**Courses:** Design and Analysis of Algorithms, Research Methods in Computer Science, Data science Programming, Secure Software Engineering, Python for Computational Data Science, Computer security Systems, and Big Data.

#### Madanapalle Institute of Technology and Science, Chittoor, AP, INDIA

JUN 2017– JUL 2021

Bachelor of Technology in Computer Science and Engineering | GPA 9.03/ 10

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### SOFTWARE SKILLSET

Languages	: C, Python, SQL, Basics of Java
Web Technologies	: HTML, CSS, Basics of JavaScript
Tools	: Django, Power BI, GitHub, Gitlab
Operating System	: Windows, Linux
Machine Learning	: Basic familiarity with machine learning concepts and applications

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### PROJECT WORK

#### Information fusion for text classification (Master's Capstone Project)

- Engaged in a project aimed at optimizing text classification through a combination of Latent Semantic Indexing and neural network-based information fusion, enhancing accuracy in categorizing diverse text documents.

#### Secure File Sharing, Python, Django, MYSQL

- Develop a secure file sharing web application that employs advanced encryption and cryptography techniques to protect user data and ensure confidentiality.

#### ML Projects Python, ML algorithms (CNN, KNN, Random Forest, Logistic regression, user based collaborative filtering)

- Developed Fruit Image Classification, Movie Rating Prediction and Weather Prediction projects.
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### SOFTSKILLS

- Attention to detail
- Active collaboration
- Problem solving and analytical thinking