

Tripti Gupta

+1617-992-0885/+919971798972 • tripti.gupta97@gmail.com • [LinkedIn](#) • [Portfolio](#)

Summary

Graduate student with 2 years of full stack professional experience in Software Engineering. Possess good understanding of software development life cycle of enterprise applications in agile environment. Quick learner, confident, result-oriented and a team player seeking full-time opportunities to challenge my technical and interpersonal skills.

Technical Skills

Programming language: Python, R, JavaScript, Java

Web Technology: HTML/CSS/Bootstrap, AngularJS, ReactJS, NodeJS, GraphQL

Data Streaming: Kafka

Database: AzureSQL, My SQL, MongoDB

Cloud Technology: Azure Cloud, Kubernetes

Data Visualization: Power BI, Tableau

Productivity: Jira, Agile, Vero, Microsoft Office, GitHub

Education

Master of Science, Information Systems

Northeastern University, Boston

Expected Dec 2023

- Relevant Coursework: Data Science Engineering Methods, Planning and Management Information Systems, Data Visualization, Advance Data Science, Web Design and User Experience

Bachelor of Technology in Computer Science

Indira Gandhi Delhi Technical University for Women, Delhi, India

July 2020

- Relevant Coursework: Object Oriented Programming, Database Management Systems, Data Structure, Networking, Operating Systems, Natural Language Programming

Work Experience

Software Engineer II

August 2020 - August 2022

Walmart Global Tech, Karnataka, India

- Collaborated with 3 teams to onboard application by using Apache Kafka, increasing market reach by 30%
- Migrated platform from Azure to Walmart Cloud-Native Platform(using Kubernetes and Docker) to reduce cost by 40%
- Designed real-time email notifications for clients using Kafka and Microservice, reduced response time by 60%
- Initiated development of automated testing suite using Selenium to minimize manual intervention in regression testing
- Worked on workflow management application using AngularJS and NodeJS

Academic Projects

Commission Management System [Link](#)

January 2023 - April 2023

- Led planning for enhancing Fidelity's commission system, addressing critical business needs and improving flexibility.
- Collaborated on determining and documenting business and technical requirements for a new, user-friendly system.
- Developed a comprehensive project plan for implementing a flexible and auditable commission system.

Fast food impacting health, causing PCOS [Link](#)

January 2023 - April 2023

- Analysed data from top 50 fast food chains in U.S. and fast food nutrition data to investigate impact of fast food on health.
- Developed an interactive data visualization project using Python, Plotly and Seaborn to visually represent the correlation between fast food consumption and health indicators, specifically focusing on the impact of fast food on PCOS (Polycystic Ovary Syndrome).

Sentiment Analysis of "1984" Book Corpus, Final Project

Nov 2022 - Dec 2022

- Analyzed the sentiment in the "1984" book corpus to evaluate the overall tone and emotions portrayed within the text.
- Corpus has significant presence of negative sentiment and highlighting the underlying theme of fear and sadness.
- Employed text2emotion and word cloud analysis, revealing fear, sadness, anger, and surprise as the prominent emotions conveyed by the text.
- Utilized page rank algorithm to determine the most relevant sentence, with sentence 654 ranked highest in relevance.

Awards and Certification

- Certified Scrum Product Owner June 2022
- Microsoft: Data Analyst Associate Certificate December 2021
- Bravo Award at Walmart April 2021
- Runner up in Walmart IDC Hackathon February 2020
- Oracle Cloud Infrastructure Certified Architect Associate July 2020
- First prize at National Hackathon - Intuit January 2019