

# TASLEEM SHAIK

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## EDUCATION

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**University of Memphis**, Memphis, TN

Expected Graduation: May 2024

- Masters in Computer Science
- *Cumulative GPA*: 3.7/4.0

**VR Siddhartha Engineering College**, India

Aug 2021

- Bachelors in Electrical and Electronics Engineering
- *Cumulative GPA*: 3.7/4.0

## WORK EXPERIENCE

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**ALSAC- St. Jude Children's Research Hospital**, *Student Intern*, Memphis, TN

Sept 2023 – Present

- Managing the Salesforce platform, handling donor accounts, managing profiles, roles, and permissions.
- Provided technical support to Salesforce users, helping them troubleshoot issues.

**St. Jude Children's Research Hospital**, Memphis, TN

*Software Engineering Intern*

May 2023 – Aug 2023

- Collaborated in developing the St. Jude Cloud Citation Dashboard, tracking research citations.
- Utilized PHP Laravel to construct the backend, implementing RESTful APIs.
- Created user-friendly front-end interfaces with HTML, JavaScript, and Tailwind CSS.
- Integrated Python libraries for data visualization, presenting insights into citation trends.

**TATA Consultancy Services Limited**, *Systems Engineer*, India

Aug 2021 – Aug 2022

- Engineered communication protocols including AS2 and SFTP.
- Streamlined data pipelining across multiple systems through root cause analysis.
- Contributed to Data Warehousing, executed SCD Operations, and utilized Web methods.

## PROJECTS

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**Book Recommendation System Project**

Nov 2023

- Developed a Python-based book recommendation system by exploring KNN, SVD, and NMF models, applying machine learning techniques for collaborative and content-based filtering.
- Suggests based on users' reading preferences, offering a diverse range of recommendations.

**Implementing Honeypot to Analyze Cyber Attack Patterns**

Dec 2022

- Developed a log-review interface and deployed the architecture, prioritizing services like SSH, RDP, TELNET, and HTTP servers. Presented analytical results through a Web-based data analysis system.

**Asset Management System**

Sept 2022

- Developed a self-service system that helps track and manage artifacts using PHP, and MySQL, that follows Model-View-Controller (MVC) architecture.
- Designed to use 3NF Normalization, transactions, and isolation level set to Repeatable read, stored procedure usage to reduce code cohesion.

## TECHNICAL SKILLS

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- *Computer Languages*: Python, C, C++, MATLAB, SQL, HTML, Tailwind CSS, JavaScript, React, PHP Laravel, Ruby on Rails
- *Skills*: Machine Learning, Problem Solving, Software Engineering