

NEHA MALI

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[Linkedin](#) | [Website](#) | [Github](#)

EDUCATION

University of Texas at Arlington

Master of Science in Computer Science

Arlington, Texas

August 2019-May 2021

Finolex Academy of Management and Technology

Bachelor of Engineering in Electronics and Telecommunication

Mumbai, India

July 2013-May 2017

SOFTWARE SKILLS

- Programming Languages: C, Java, Python, Javascript, React, Spring Boot, Wordpress
- Applications: NetBeans, Eclipse, Visual Studio, Tableau, Jupyter Notebook, Github, Git, phpMyAdmin
- Database: MySQL, SQL, SQLite
- Web Technologies: HTML5, CSS, PHP
- Cloud Services: AWS, Microsoft Azure, IBM Cloud
- Libraries: NumPy, Pandas, Matplotlib, Seaborn

Work Experience

Mindcurrent

Data Science Intern

Portland, Oregon

December 2020-February 2021

- Analyze aggregated, anonymized data for behavioral patterns and identifying key factors and trends related to stress, performance and motivation using **python** and **tableau**.

ACADEMIC PROJECTS

Chat Application (Language-Java, Spring Boot, Web Socket, HTML, CSS and Javascript)

- The chatroom app includes a login page and chatroom page, where users can join the room and chat with other users.

Food Recipe Search App (Language-React, HTML, CSS and Javascript)

- Developed an application where user can search for any food recipes using **Food Recipe API**.

Youtube Clone Application using React (Language-Java, Spring Boot, Web Socket, HTML, CSS and Javascript)

- The chatroom app includes a login page and chatroom page, where users can join the room and chat with other users.

Web Application Development on cloud platforms (Language-Python, SQL, Redis, Flask)

- Developed a web application on various cloud platforms using **Python Flask**. Performed various **SQL** queries on USGS earthquake dataset and using NLTK removed stop words for text compression.
- Performed caching using **Redis** on **Microsoft Azure** for faster execution of queries which improved system performance by around 40%.

Designed Website (Language- HTML, PHP, MYSQL, CSS, JavaScript, Laravel, Wordpress)

- Designed and implement **web based application** which maintains the details about the Centro Augusto events, videos and team member's data.
- Project also includes different functionalities like adding blog information, updating profiles of team members, editing videos information etc.

Personal Portfolio Website (Language-HTML, CSS and Javascript)

- Developed personal website using HTML, CSS and JavaScript.

Multithread client-server programming (Language- JAVA)

- Implemented **client-server** model to handle n-number of clients using multithreading and socket programming in Java and designed a platform in such a way that clients can share various small files.
- Embedded two-phase commit logic for distributed transaction processing to coordinate commit or rollback the transaction.