MOHAMMAD NABEEL ASIM HUSSAIN

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EDUCATION

Toronto Metropolitan University (prev. Ryerson University) — Toronto, ON
Bachelor of Science in Computer Science (Hons) — *Sep. 2019 – May. 2023*

- GPA: 3.97/4.33
- Dean's List: 2019 - 2023

EXPERIENCE

Junior Systems Analyst/IT Support Specialist — Mar. 2022 – Present
Terumo Medical Corporation — *Vaughan, ON*

- Executed functional and acceptance tests on IBM Maximo software resulting in the early detection of over 20 defects, provided regular status updates to project stakeholders testing progress
- Collaborated with a team of 4 engineers to understand the existing Contract and Pricing System (CAPS) and created technical documentation for future development
- Coordinated with level 1 technical support specialists to resolve difficult technical issues
- Managed over 50 user accounts utilizing Microsoft Active Directory, ensuring proper assignment to security groups for effective access management
- Provisioned over 25 new devices with requisite software to facilitate access to organizational systems

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, MySQL, Oracle PL/SQL, MongoDB, HTML/CSS, PHP, C
Frameworks: React, Node.js, NextJS, Flask, Django, REST API
Developer Tools: Git/GitHub, Docker, Visual Studio Code, JIRA

PROJECTS

Project Task Management Tool | *Python, FastAPI, ReactJS, TypeScript, MongoDB, Git/GitHub, JIRA, Agile*

- Collaborated with team members to develop a project task management tool following the Agile methodology
- Over the course of 5 sprints, conducted daily standups and created product and sprint backlogs, project charters, stakeholder registry, burndown and Gantt charts using JIRA
- Designed a responsive UI using React and TypeScript featuring a kanban board for effortless task management
- Developed and maintained an API backend using FastAPI in Python, ensuring efficient data retrieval and manipulation with front-end integration
- Added Firebase Authentication for signing in with a Google account, reducing account creation and login time
- Used MongoDB to efficiently store and retrieve data, resulting in a 10% increase in performance as compared to using MySQL

Document Search Engine | *Python, NLTK, Text Classification, Git/GitHub*

- Developed a Document Search Engine efficiently processing a corpus of over 250k documents with a file size of over 27GB
- Implemented the NLTK Python package and word2vec algorithm to enhance user queries and improved search accuracy by 25%
- Created a dictionary and postings list reducing file size by 30% for quicker search times
- Provided users with BM25, Naive Bayes, and SVC Text Classifier ranking options to ensure ideal search results
- Designed an intuitive UI displaying search results along with a summary of text and confidence score

Cypress Web Application | *Python, Django, Bootstrap, API, Git/GitHub*

- Collaborated with team members to develop a web application for reporting problems such as fallen trees and wires, potholes, garbage, etc.
- Utilized Django Python web framework and Bootstrap for styling to create an accessible UI
- Implemented Google Maps JavaScript API allowing users to pinpoint the exact location of problems