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, Graduated with Distinction
- Dean's List: 2019 - 2023

TECHNICAL SKILLS

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

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 detection of over 20 defects
- Provided regular status updates to project stakeholders on testing progress
- Collaborated with a team of 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 100 user accounts utilizing Microsoft Active Directory, ensuring proper assignment to security groups for effective access management
- Provisioned over 50 new devices with requisite software to facilitate access to organizational systems

PROJECTS

Portfolio Website | *React, NextJS, TypeScript, TailwindCSS, ShadCN UI, Framer Motion, GitHub*
- Created a high-performance portfolio website to showcase my skills and projects
- Integrated dynamic animations using Framer Motion and custom ShadCN UI components for an intuitive UI
- Successfully deployed on Vercel, leveraging Cloudflare DNS for efficient domain resolution
- Managed version control using GitHub for seamless code management
- Utilized Vercel Analytics to monitor and analyze user behavior, resulting in data-driven improvements that increased site performance by 15%

Project Task Management Tool | *Python, FastAPI, React, TypeScript, MongoDB, GitHub, JIRA, Confluence, Agile*
- Collaborated with team members to develop a task management tool following the Agile methodology
- During 5 sprints, conducted daily standups and created product and sprint backlogs, project charters, stakeholder registry, burndown and Gantt charts using JIRA and Confluence
- Designed a responsive UI using React and TypeScript featuring a kanban board for effortless task management
- Developed and maintained an API backend using FastAPI, ensuring efficient data retrieval and manipulation
- Added Firebase Authentication for signing in with a Google account, reducing account creation and login time
- Used MongoDB to efficiently store data, resulting in a 15% increase in performance compared to using MySQL

Document Search Engine | *Python, NLTK, Text Classification, GitHub*
- Developed a Document Search Engine efficiently processing a corpus of 250k documents with a size of 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, GitHub*
- Collaborated with team members to develop a web application for reporting problems e.g. fallen trees, wires, potholes, garbage, etc
- Utilized Django web framework and Bootstrap for styling to create an accessible UI
- Implemented Google Maps API allowing users to pinpoint the exact location of problems