MUHAMMAD ABDUL MANNAN

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SKILLS

Languages: Java, Python, JavaScript, C/C++, SQL, Bash, R, HTML, CSS
Frameworks: React, Vue.js, Express.js, MongoDB, PostgreSQL, SQLite, Pandas, NumPy, Flask, Tkinter, OpenCV
Technologies: VS Code, JetBrains, Pycharm, Android Studio, Git, CLI, R Studio, Linux

EXPERIENCE

Front End Developer
National Society of Black Engineers (NSBE)

📅 Dec 2022 – Feb 2023   📍 Toronto, CA

- Developed and maintained a promotional website using Javascript, HTML, and CSS while following Agile methods to ensure efficiency and user satisfaction
- Collaborated with design and marketing teams to enhance web design and incorporate their designs which improved direct web traffic by 20%
- Spearheaded an efficient SEO campaign resulting in a 60% organic web traffic increase and top 3 web rank through leveraging keyword analysis and Google Analytics
- Conducted code reviews with peers and implemented debugging solutions which optimized workflow for efficient development and higher quality code

Web Development & Product Management Intern
Property Spark

📅 Sept 2017 – Feb 2018   📍 Toronto, CA

- Created over 35 blogs using JavaScript, HTML, and CSS that were read by (on average) 4000+ individuals shortly after publishing, improving lead conversion by 10%
- Conducted over 50 market research projects in order to identify potential markets and leads which increased the overall customer base by over 30%
- Developed landing page prototypes using React and JavaScript and had critique sessions with peers which improved code quality

PROJECTS

View Mars 🔗 - Explore & Analyze Mars Geology | JavaScript, React, Node.js, HTML, CSS
- Developed a unique web app using JavaScript, React and Node.js for the research and analysis of Mars' surface & geology using image data from the NASA API
- Created reliable and reusable components using React that improved code maintenance and saved over 15 hours of development
- Implemented real-time image filtering method that improved app performance and users can download thousands of high-quality images with one click through a download script that bundles all images into one zip file.

Leads & Reference Tracker 🔗 - Track & Save Weblinks | React, JavaScript, HTML, CSS
- Developed a dynamic Chrome Extension using JavaScript, React, HTML and CSS that tracks and saves references/web links all in one place and currently has over 250 users
- Implemented a real-time auto-save feature that saves data locally which greatly reduced data loss and also implemented auto-detection to remove any duplicate links which removed the possibility of data redundancy.

EDUCATION

Bachelor of Science (B.S) - Computer Science & Statistics
University of Toronto

📅 2019 – 2024

- Relevant Courses: Data Structures and Algorithms, Software Design, Theory of Computation, Computer Programming, Database Systems, Object-Oriented Programming, Data Analysis