

Khizar Tariq

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EDUCATION

University of Toronto

Mississauga, Ontario

Bachelor of Science in Computer Science, Minor in Mathematics, Minor in Statistics

Sept 2019 – Dec 2024

Relevant Coursework *Software Design, Databases, Algorithm Design and Analysis, Data Structures and Analysis, Software Tools and Systems Programming, Artificial Intelligence, Machine Learning*

EXPERIENCE

Coop Full Stack Developer

May 1, 2023 – August 31, 2023

ITSP Inc

Toronto, Ontario

- Contributed to projects for high-profile clients, including ONRoute, Toys R Us, and WCG, delivering robust full-stack solutions.
- Created and modified RESTful APIs to enable new backend functionality, while debugging existing features, and ensuring seamless integration with a SQL database supporting thousands of clients.
- Enhanced Angular-based frontends across multiple projects using TypeScript, HTML, and CSS, improving user interface responsiveness and usability.
- Developed and enhanced various internal projects, including WAIV, an IoT Management and Operations Platform, to facilitate efficient device management processes.

Coop Project Manager

May 1, 2021 – August 31, 2021

Clearbridge Mobile

Vaughan, Ontario

- Developed comprehensive documentation on internal processes using Jira and Atlassian, improving the team's process understanding and clarity.
- Designed and delivered presentations to educate team members on new project management practices, boosting the team's efficiency and collaboration.
- Shadowed and assisted a lead project manager, gaining hands-on experience with agile methodologies and the full software/feature cycle.

Highschool Math and Physics Tutor

Sept 2023 – Present

Learna Brampton

Brampton, Ontario

- Efficiently multi-task by managing multiple students simultaneously, ensuring each receives the attention needed for success.
- Patiently break down complex concepts into a logical, step-by-step process, ensuring students understand the reasoning behind each step for a complete grasp of the topic.
- Effectively communicate mathematical and physics concepts, helping students build confidence and improve their academic performance.

PROJECTS

MoneyFlowTracker | *Angular, Express, Node.js, PostgreSQL, Typescript, HTML, CSS*

- Developed a full-stack expense tracking application using TypeScript, Angular, Node.js, and PostgreSQL, allowing users to securely track, categorize, and visualize their income and expenses.
- Created a dynamic budgeting system, allowing users to set, track, and receive notifications for custom budget categories and limits.
- Developed and optimized RESTful API endpoints using Node.js and Express to handle user requests.

SyllabusPro | *Java, Swift*

- A mobile app that replaces the outdated Syllabus that students get at the start of every semester
- Using Machine Learning, the app scans syllabus PDF documents to detect deadlines for assessments. Then it automatically saves them in the app and puts them in your Google or Apple Calendar. Adding details such as due date, weight, and type (Midterm/Quiz/Assignment etc).

TECHNICAL SKILLS

Languages: TypeScript, SQL (PostgreSQL), Java, Python, C, C++, JavaScript, HTML, CSS, Swift

Frameworks: Angular, React, Node.js, Express

Developer Tools: Git, Docker

Libraries: pandas, NumPy, Matplotlib