Talha Khokhar

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SKILLS

- **Languages:** Java, JavaScript, Python, HTML/CSS, C#
- **Database Management:** Relational/non-relational model, PostgreSQL, MySQL, Firebase
- **Tools/Frameworks:** Git, React, Angular, Node, MySQL, .NET, Google Cloud Platform, Bootstrap, jQuery, NLTK

PROFESSIONAL EXPERIENCE

Solutions Engineer, NetFore Systems Inc. **Aug. 2021 – present**
Google Cloud Platform, Inference SaaS *Remote*

- Automated Five9 customer communications by integrating REST APIs, Google Dialogflow, and using the Inference SaaS platform
- Developed various projects for multi-billion-dollar businesses starting from planning and requirements through to post-implementation
  - Example: automated a customer's existing DTMF system allowing their users to easily access order information and place new orders, effectively improving overall user experience and increased customer retention
- Analyzed data and built custom reports for customers that outlined usage and performance metrics

Front-end developer, BrisklyQ **Jan. 2021 – July 2021**
Angular, .NET Core, MySQL, CSS *Mississauga, ON*

- Developed new features and reusable UI components using Angular 10 for the BrisklyQ child care management application
  - Example: A feature to view the geographic location of daycares using the Mapbox API and Leaflet.js
- Implemented a conversational bot for enhanced user experience along with a documented API using .NET Core, MySQL, and Swagger
- Collaborated with the team using Azure Devops to keep track of and fix issues as well as managing code revision history
- Integrating the backend REST API with the front-end

PROJECTS

[Prayer App](#) **Sep. 2020 – Oct. 2020**
JavaScript, HTML, CSS, PHP, MySQL *Mississauga, ON*

- Developed a website in vanilla JavaScript to check local prayer timings with a search functionality
- Utilized a prayer time API to display timings and MapBox for geolocation information
- Login and registration system built with PHP and a MySQL database. Improved registration using a one-way hashing algorithm 'bcrypt'

[Defect Prediction](#) **Jan. 2020 – Mar. 2020**
Python (numpy, pandas, NLTK) *Mississauga, ON*

- Developed a machine learning model to analyze and find bugs in source code.
- Improved classification accuracy up to 70% using a bag-of-words approach and functions provided by the NLTK library

[Personal Website](#) **Mar. 2019 – Sep. 2019**
React, Node (Nodemailer), Express, Firebase *Mississauga, ON*

- Built and fully deployed a portfolio via Firebase to showcase various projects. Styled with Bootstrap
- Developed a react component which uses Node.js along with Nodemailer to process emails

EDUCATION

York University Lassonde School of Engineering **Oct. 2020**
B.A. Honors Computer Science *Toronto, ON*

- Entrance scholarship