

FARZAN NADEEM

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SKILLS

Languages – Java, C#, PHP, SQL, Python, JavaScript, HTML
Tools – AWS, Azure, Firebase, Git, Neo4J, Grafana, Blender
Frameworks – .NET, Angular, Laravel, Node.js, React

EDUCATION

University of Waterloo – Waterloo, Canada
Candidate for B.a.Sc in Computer Engineering
Sep 2016 – Apr 2021 (Expected)

EXPERIENCE

Software Engineering Consultant, BDO

May 2019 – April 2020

Mississauga, ON, Canada

- Developed anti-money laundering system, enacting strict security measures to ensure data safety on .NET Core
- Automated administrative tasks to reduce time taken by 500%, from full days to seconds, using Python
- Designed, directed, and managed a custom ERP solution using .NET Core, Azure, and Angular, reducing monthly scheduling times by 40%

Full Stack Software Engineering, Carbonite

September 2018 – December 2018

Oakville, ON, Canada

- Programmed core feature of data deletion in major release of a data backup system, built on .NET
- Created proof-of-concept for the next company product, migrating from legacy to .NET Core and React

DevOps Software Engineering, Kothari Mortgage Groups

January 2018 – April 2018

Mississauga, ON, Canada

- Individually developed and managed an in-house mortgaging solution using PHP and Laravel
- Streamlined complex legal processes and document creation, removing hours of tedious work
- Implemented automatic deployment, automated testing, microservice-styled programming in codebase

Full Stack Software Engineering, Prosperitas Medical Solutions

June 2017 – August 2017

Toronto, ON, Canada

- Created billing system to automatically bill provincial government for medical insurance claims, using C# and SOAP
- Integrated billing system with Google's OCR and React Native to facilitate quick billing

Software Engineering Consultant, Pixelbot

May 2017 – June 2017

Toronto, ON, Canada

- Worked with international team from Japan to stabilize high traffic art sharing site prior to major release, on Node.js

PROJECTS

Imposter! – imposter.farzannadeem.com

Firebase

- Created an online, real-time multiplayer role-playing game using Firebase
- Players can join any existing party and their actions are updated instantly to other players

Gesture Controlled 2048

Java, Android Studio

- Android application which utilized raw sensor readings to recognize hand gestures, which translates to in-game actions and animations

Guitar Music Sheet Creator

React

- Web application made on React that greatly speeds up and simplifies writing music sheets