

Nayem Alam

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<https://nayemalam.com/>

EDUCATION

McGill University

2016 - 2020

B.Eng. Electrical Engineering, Minor in Software Engineering

SKILLS

Software: React (JS and Native), Angular 1+/9/10, Vue.js, Java, Python (np, openCV, scikit), C, C++, MATLAB, OCaml

Tech: Git, Java Spring, Gradle, REST API, Travis CI, Netlify, Node.js, Firebase (hosting, functions, firestore), Figma, draw.io, Linux

PROFESSIONAL EXPERIENCE

Web Developer at Ubisoft – Montréal, Quebec

September 2020 – Present

- Daily usage of Angular JS (MVC): bindings, directives, \$scope, \$q, promise chaining + async/await
- Aggregate and manipulate service APIs to build controllers, models and views
- Unit tests Jasmine (Jest framework)

Software Developer at ReInvestWealth – Montréal, Quebec

September 2020 – December 2020

- Implemented Firestore pagination
- Implement on page edits onSnapshotListener without reload
- Set up bootstrapped ReactJS project structure (including redux, thunk & auth)
- UI updates: form validations, code cleanup, custom buttons (jQuery and JS)

Fullstack Developer at Fundmore.ai – Ottawa, Ontario

June 2020 – September 2020

- Developed UI on Storybook using Angular 9 and then transitioned to Angular 10
- Developed input forms (validation), expansion panels (Angular Material, ElementRefs) from Figma designs
- Learned how to use the NGXS store to store and retrieve data

AI Engineer at MoneyLion – Kuala Lumpur, Malaysia

May 2019 – August 2019

- Developed RESTful endpoints using SpringBoot
- Developed a dual layered encryption method using Cipher and base64
- Learnt how to store db credentials securely to Vault (HashiCorp) server and run it within a docker container
- Implemented multiple string similarity algorithms using fuzzy matching (edit distance, dice coefficient, Jaccard index)

Programmer Analyst, Web Developer at Pharmascience Inc. – Montréal, Quebec

May 2018 – October 2018

- Consolidated all hosting providers and registrars, creating an estimate savings of \$37K/year
- Built new websites for clients in different departments (including PENDOPHARM) – pendopharm-gi.com
- Used SharePoint & SPD 2013 to create and modernize many websites for all departments within the intranet
- Created an excel database with all the websites currently under both companies including their provider, registrar, IP, NS Records using Pivot tables and VBA to streamline process

LEADERSHIP & EXTRACURRICULARS

Islamic Mental Wellness App

September 2020 - Present

- Built <https://ruhapp.io> site using HTML, CSS and vanilla JS
- Building a new version of our site using GatsbyJS and Material UI (code can be provided on request)
- Building both Android and IOS application using React Native (code repo. can be provided on request)

Founder of [Speak Up](#) | Slam Poetry Competition – Montréal, Quebec

January 2014

- Established the first ever unique slam poetry competition within the English Montréal School Board.
- Speak Up has grown to over 12 schools city-wide, with 40+ students participating every year.

LEARN MORE?

Feel free to check out my digital life at <https://nayemalam.com/about>

(or if you'd like to explore a little more → <https://github.com/nayemalam/portfoliov2/>)