

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), TS, AngularJS, Angular, Java, Python (np, openCV, scikit), C, C++, MATLAB

Tech: Git, Jasmine, Mocha, 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

- Monorepo, Typescript heavy, GitLab CI, Mocha/Jest testing (Arrange-Act-Assert pattern), e2e with cypress
- ReactJS, redux with redux toolkit (slice, action creators, reducers, selectors), code reviews, Storybook
- Angular JS (MVC): bindings, directives, \$scope, \$q, promise chaining + async/await
- Aggregate and manipulate service APIs to build controllers, models, views, microapps and microfrontends

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 PHP, HTML, CSS and vanilla JS
- Building a new version of our site using GatsbyJS and Material UI (repo. can be provided)
- Building both Android and IOS application using React Native (repo. can be provided)

Appointment Scheduling App

December 2020 - Present

- Currently working on a mobile platform for barbers to facilitate bookings (MVP demo can be provided)

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.