Nayem Alam

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PROFESSIONAL EXPERIENCE

Lead Frontend Engineer at Ntropy – New York   April 2022 – February 2023
- First Frontend Engineer, leading our team from Seed to Series A
- Built customer facing web app that brought in ~$100k in revenue within the first 3 months, expanding our market share to targeting new non-developer users
- Led all of frontend; managing 5 in-house applications, proposed, designed, architected and spear-headed 3 external client-facing applications (transaction enrichment viewer, developer portal, customer dashboard)
- Organized frontend environment by building an in-house ticketing tool that allowed non-frontend engineers to seamlessly work with the frontend team

Web Developer II at Ubisoft – Montréal, Quebec   September 2020 – April 2022
- Built internal tools to help backend engineers and game developers integrate items (i.e. swords, guns, tokens, rewards, etc) into games like Assassin's Creed Valhalla, Rainbow 6 Siege and Roller Champions
- Day to day included building out our Monorepo which was Typescript heavy; used GitLab CI, Mocha/Jest testing (Arrange-Act-Assert pattern), and e2e with Cypress and Playwright
- ReactJS, Redux with Redux toolkit (slices, action creators, reducers, selectors), code reviews, Storybook
- Angular JS (MVC): bindings, directives, $scope, $q, promise chaining, async/await

Software Developer at ReInvestWealth – Montréal, Quebec   September 2020 – December 2020
- Contributed to the development of an accounting and bookkeeping application
- Utilized Firebase and its database to store and manage data in realtime
- Transformed the codebase from VanillaJS and jQuery to ReactJS (Redux, Thunks & auth management)

Fullstack Developer at Fundmore.ai – Ottawa, Ontario   June 2020 – September 2020
- Designed and developed user interfaces using Angular 9/10, integrate with backend APIs and databases
- Engaged in code reviews, technical mentorship, and other activities to support the growth and development of other team members

AI Engineer at MoneyLion – Kuala Lumpur, Malaysia   May 2019 – August 2019
- Developed a string similarity algorithm using fuzzy matching (i.e. edit distance, dice coefficient, Jaccard index)
- Developed a dual layered encryption method using Cipher and base64, protecting user credentials
- Developed RESTful endpoints using SpringBoot

PREVIOUS STARTUPS

Islamic Mental Wellness App   September 2020
- Founded ruhapp.io, a mental health wellness application (available on iOS and Android)
- Within the first year of launch we gained over 8000 users, partnered with 2 local and 1 national Muslim Mental health associations, and placed 2nd at the G20 Young Entrepreneurs' conference
- Incorporated features such as emotion tracking, in-app payments, content player, and analytics

Founder of Speak Up | Slam Poetry Competition   January 2014
- Established Montreal's first ever 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
- Named Top 20 Under 20 in Canada, 2 TEDx Talks, performed at WEDay and a WEF Global Shaper

EDUCATION

McGill University   2016 - 2020
B.Eng. Electrical Engineering, Minor in Software Engineering

SKILLS

Software: React (JS and Native), Typescript, VueJS, Tailwind, MUI, React Query, Angular, Java, Python, C, C++
Tech: Node, Figma, Firebase, Jasmin, Travis CI, Git, Jasmine, Mocha, Java Spring, Gradle, REST, Docker, GA