Omar Elnajmi

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EDUCATION

University of Waterloo   Waterloo, ON
*Bachelor of Computer Science — Cumulative GPA: **90.1% (3.91)***   *September 2021 – June 2026*

TECHNICAL SKILLS

Languages: Java, JavaScript/TypeScript, Python, Dart, C++, Racket, SQL, NoSQL (MongoDB)
Frameworks: VueJS, ReactJS, Node.js (ExpressJS), Nuxt, Flutter, SparkJava, SpigotAPI, JDA
Developer Tools: Git, Gradle, NPM, TravisCI, GCP, Heroku, Docker, VS Code, Jetbrains IDEs

EXPERIENCE

VHA Home Healthcare | *ReactJS, Bootstrap, Firebase*   May 2020 – September 2020
Frontend Web Developer   *Remote*
- Collaborated to develop a set of interactive musculoskeletal diagram mini-apps for occupational therapy students.
- Worked on harmonizing the mini-apps into one application by creating a multi-page navigation solution using **React Router**, and shared application state across individual apps by employing a global state pattern using **React Hooks** and the **React Context API**.
- Took the initiative to introduce **React-Bootstrap** to the application components, resulting in a consistent appearance across a multitude of devices.
- Prototype received a **100%** approval rate from VHA Manager of Research Operations and **3** associate professors of Occupational Therapy from the University of Toronto.

MC-Market | *Java, SpigotAPI, Java Discord API (JDA), MySQL*   March 2017 – April 2020
Freelance Developer   *Remote*
- Completed **30+** Minecraft plugin and Discord bot development requests on the freelancing site MC-Market.
- Modified and recompiled existing plugins to include requested features and backwards compatibility with older Spigot releases.
- Developed **internal APIs** for client projects, resulting in code that can be easily extended by future contributors.
- Received **12** positive reviews from past clients, maintaining a **100%** satisfaction rate.

PROJECTS | Visit **https://nejj.me/projects** to view more of my projects and demos.

Animedoro.io | *Typescript, ReactJS, MAL API, React-Bootstrap*   May 2021 – August 2021
- Worked alongside **3** developers to create an Anime-themed Pomodoro timer app with over **7000** users.
- Implemented features including a study efficiency grading algorithm, work-session history, and MAL data integration that differentiated Animedoro from standard study timer applications.
- Conducted code reviews for multiple PRs on Github, preventing **2** software bugs from reaching production.

Disrupt Tracker | *Typescript, VueJS, Express, MongoDB, Vuetify*   August 2020 – September 2020
- Developed a full-stack web application that helps individuals monitor their level of focus while working.
- Setup Google and Github **OAuth2** flows to register and authenticate users.
- Constructed a modern web interface using **material design** components from the Vuetify framework.
- Designed a **REST API** that processes requests from the client and persists received data with MongoDB.

ReferME | *Java, SpigotAPI, Gradle, TravisCI*   November 2017 – January 2018
- Created a plugin that adds a player referral system to Minecraft servers.
- Published the plugin on SpigotMC.org, gaining **430+** downloads and an average **4.33/5**-star review.
- Setup **continuous integration/delivery** using TravisCI to build, test and deploy the plugin upon new releases.

ACHIEVEMENTS AND CERTIFICATES

HackTheNorth 2019 Prize Winner   Waterloo, ON
SpeakNow — Best use of Transposit   *September 2019*

AlphaHacks 2021 First Place   Remote
SpeedChat — First Place (Proposal Track)   *June 2021*