Bassam El-Naggar

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https://bassam.netlify.app

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, C, C#, C++, Java, SQL, MongoDB, HTML, CSS, MATLAB, ARM Assembly, VHDL
Frameworks: React.js, React Native.js, Vue.js, Node.js, Express.js, Socket.io, Django, Spring Boot
Developer Tools: Git, Docker, AWS, Google Cloud, Linux, Apache, Nginx

WORK EXPERIENCE

Pexhouse   **May 2023 – August 2023**
Full Stack Software Developer – Full Time   *Bolton, Ontario, Canada*
- Designed the hosting, matching and serving of restaurants features on the backend using node.js and deployed the backend to a remote server on an AWS EC2 instance.
- Designed and created the UI of the application with react native, coupled with the socket integration with the backend using socket.io.
- Implemented a restaurant promotion payment system using Stripe.
- Created a beta release build that was sent to thousands of users.

GrantMatch   **September 2022 – December 2022**
Full Stack Software Developer – Full Time   *Oakville, Ontario, Canada*
- Designed several API's, including the grant assessment API, which is used by thousands daily.
- Designed multiple frontend pages of the online portal, which are used by all internal and external users daily.
- Wrote and deployed multiple web scrapers which greatly improved efficiency of the Data team.
- Migrated data from previous database to new PostgreSQL database.
- Wrote several unit tests, increasing code coverage by over 20%.
- Automated several background tasks, greatly reducing workload of the Data team.

Pexhouse   **January 2022 – April 2022**
Full Stack Software Developer – Full Time   *Bolton, Ontario, Canada*
- Used Yelp API to implement background logic of application.
- Developed and maintained new features of pexhouse.com website.
- Developed several pages of LetsGo Dining mobile application.

LetsGo Dining   **September 2023 – Current**
Full Stack Software Developer – Part Time   *Waterloo, Ontario, Canada*
- Created the LetsGo mobile application beta signup website.
- Created an automatic emailing that allows users to send specific app build requirements to software team.

VOLUNTEER EXPERIENCE

Muslim Student Association at the University of Waterloo   **January 2023 – August 2023**
Tech Team Lead   *Waterloo, Ontario, Canada*
- Developed several core pages of the UW MSA website.
- Developed the backend users API using the GraphQL standard.

SIDE PROJECTS

Harmonise: A fully functional social media that doubles as a music sharing application. Uses React.js and React Router on the frontend. The backend is built using Node.js. MongoDB is used for the database and an AWS S3 bucket is used for image storage.
https://harmonise.netlify.app
Flash Cards: A project that allows users to create, test and share flash cards; https://bassamsflashcards.netlify.app

EDUCATION

University of Waterloo   **September 2021 – Current**
B.A.Sc of Computer Engineering   *Waterloo, Ontario, Canada*