

Summary

- Backend focused Full Stack Engineer with over 3 years of experience primarily using JavaScript and Python
- Able to convert abstract requirements into concrete software architecture designs and implementations
- Passionate problem solver with a curious mind committed to continuous learning

Education

Bachelor of Computer Science	University of Waterloo	2014 – 2020
<ul style="list-style-type: none">• Major in Computer Science Honours Co-op, Minor in Geography• Notable Courses: Algorithms & Data Structures, OOP, Compilers, OS, Ethics, Security & Privacy, UI, UX		

Work Experience

Software Developer	TAMVOES Health (Waterloo, ON, Canada)	2020 – 2022
<ul style="list-style-type: none">• Prioritized growth and stability of web application by creating automated test/build pipelines, adding OpenAPI documentation for over two hundred endpoints, and conducting over five hundred pull request reviews• Wrote design doc to support international medical data regulations by consulting with compliance experts, estimating potential timeline with major milestones, and diagramming/prototyping example flow with multiple python-based REST APIs and PostgreSQL databases• Mentored developers through regular feedback and communication and to ensure progress on company goals while promoting a healthy work environment and culture• Constructed chat and search features to allow over two thousand users to communicate in real time and query millions of medical articles including full texts• Planned and managed weekly Agile release cycle to ensure continuous multi-platform growth while iterating on stakeholder feedback and testing		
Full-stack Developer	LCBO next (Waterloo, ON, Canada)	2018 – 2018
<ul style="list-style-type: none">• Provisioned, automated, and versioned Azure Cloud infrastructure as code using Terraform and Azure DevOps to mitigate human error, simplify configuration, and reduce hours spent on deployments• Created modular API endpoints primarily consisting of intercommunicating Node.js microservices in Docker containers		
Full-stack Developer	hyperPad (London, ON, Canada)	2018 – 2018
<ul style="list-style-type: none">• Implemented Node.js API endpoints with Elasticsearch indexing and MongoDB queries while prioritizing code maintainability and performance• Integrated third-party APIs (Stripe, Zoom) with web-hooks and an OAuth flow in a MeteorJS web application to provide seamless authentication across several services		
Web Developer	AGF Management (Toronto, ON, Canada)	2016 – 2016
<ul style="list-style-type: none">• Improved page rank and traffic of the website using Search Engine Optimization (SEO), resulting in visibility on the first page of Google for relevant queries• Automated posting of approved jobs via dashboard system by expanding MySQL database scheme and adding functionality to the JSP backend		

Programming Languages and Technologies

Python, JavaScript, C++, MongoDB, SQL, Node.js/Express, React.js/Redux, jQuery, Bootstrap, Bash, Git, OpenAPI, GitHub Actions, Terraform, Elasticsearch, Microservices, Docker, Microsoft Azure, Redash, Google Analytics