

James Spears Development Lead - Commercial Banking - BMO

INFO

Location

Toronto, ON
(416) 827-3687

Links

- james.w.spears@gmail.com
- [GitHub](#) - Fork this resume
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INTRO

About Me

Development Lead at BMO - Online Banking for Business (OLBB) creating impactful products that power great customer experiences. Passionate about learning new tech and keeping up on the latest trends in web development.

EDUCATION

University of Waterloo, Waterloo, ON
Bachelor of Science, General Science,
commencement Fall 2018

Durham College, Oshawa, ON
Advanced Diploma, Electromechanical Engineering Technologist,
commencement Fall 2011

EXPERIENCE

BMO Financial Group

BMO Financial Group operates the 8th largest bank in North America. BMO is a highly diversified financial services provider to over 12 million customers.

Development Lead - [BMO Financial Group \(OLBB\)](#), Toronto, ON Jan 2022 - Present

- Architect, develop, and maintain frontend UI applications, their backend APIs, and associated libraries
 - Tech lead on product wide Angular Upgrade project, upgrading 30+ UI application from legacy versions
 - Tech lead on OLBB Getting Started Hub learning content delivery platform
 - Tech lead on implementation of reddy award winning (2024) Lexicon design system and component library
- Team building and mentoring junior developers

WebsiteBox

WebsiteBox is a later stage SaaS startup offering website hosting and WYSIWYG website design to real estate agents and brokers.

Node.js Developer - [WebsiteBox](#), Toronto, ON Feb 2021 - Dec 2021

- Developed and maintained Angular & AngularJS front end applications and supporting express microservices
- Worked extensively with the Stripe API and contributed to the migration from a legacy billing platform

- Experience working with Elasticsearch, Apache Cassandra, and MySQL (MariaDB)

FliteX

FliteX is an early stage startup aiming to be a major disruptor of the airline business. Offering flight route optimization via a SaaS model.

Full Stack Developer - [FliteX](#), Oshawa, ON March 2020 - June 2020

- Prototyped a map based SPA used for flight route optimization
- Ported MATLAB to Python (numpy, scipy)

Wysdom AI

Wysdom AI is a later stage startup and artificial intelligence company offering virtual assistant software via a SaaS platform. The Wysdom AI chatbot product was initially designed to service the needs of large telecoms.

AI Automation Specialist - [Wysdom AI](#), Richmond Hill, ON June 2019 - March 2020

- Automated chatbot testing in Python
- Developed web based business process automation tools and applications
- Contributed to the development of a prototype data pipeline which used audio filters (FFmpeg) to manipulate mp3 formatted data

SKILLS

- | | | |
|-------------------------|------------------------|------------------|
| • HTML | • Angular | • Git |
| • CSS | • React | • Agile |
| • JavaScript/TypeScript | • AWS | • CI/CD and IaC |
| • Node.js | • Kubernetes/OpenShift | • Web Components |

CERTIFICATIONS

- AWS Certified Solutions Architect Professional, *SAP-C02*, [Verify](#)
- OpenJS Node.js Services Developer, *JSNSD*, [Verify](#)
- OpenJS Node.js Application Developer, *JSNAD*, [Verify](#)
- AWS Certified Solutions Architect (Associate), *SAA-C02*, [Verify](#)
- AWS Certified Cloud Practitioner, *CLF-C01*, [Verify](#)
- Certified Associate in Python Programming, *PCAP-31-02*, [Verify](#)

PROJECTS

- Video Summarizer - ([Demo](#)) - Alpine.js, TailwindCSS for styling, WASM (if available), and OpenAI API
- Map Application - ([Demo](#)) - Angular 12, NgRx for state management, microservices implemented in Golang and TypeScript

EXTRA-CURRICULARS

- [Waterloop](#) - Team Leader Magnetic Wheel. Competed at SpaceX [Hyperloop Pod Competition](#) 2017.

PUBLICATIONS

- [Approaching special relativity in complex time](#), Can. J. Phys., **95**(10) (2017) 923-926., Mathematical/theoretical physics, logic, set theory, and algebra

AWARDS

- [Pascal Mathematics Contest](#), School champion, 25th percentile.