

James Spears - Development Lead

CONTACT INFO

Mailing Address James Spears
Toronto, ON
(416) 827-3687

Links

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

About Me I am currently a lead software developer at BMO creating impactful products that lead to great customer experiences. I enjoy learning about tech and staying up to date with 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 is a highly diversified financial services provider to over 12 million customers.

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

- Team building and mentoring Jr. developers
- Develop and maintain Angular frontend applications and libraries
- Serverless backend development with API Gateway, AWS Lambda, DynamoDB
- Operate under Agile SDLC using Jira, Bitbucket, and Confluence

WebsiteBox WebsiteBox is a late 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) at scale

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 late 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 | • Node.js | • Git |
| • CSS | • Angular | • Agile |
| • JavaScript | • Python | • CI/CD |
| • TypeScript | • AWS (let's chat) | • IaC |

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 and TailwindCSS for styling, WASM (if available), and OpenAI API
- Map Application - ([Demo](#)) - Angular 12 and 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.