James Spears Development Lead / Full Stack Developer

INFO

Location
Toronto, ON
(416) 827-3687

Links
- james.w.spears@gmail.com
- GitHub - Fork this resume
- LinkedIn
- MS Word format

INTRO

About Me
I am currently a lead software developer at BMO creating impactful products that power great customer experiences. I am passionate about learning new 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 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
- Develop and maintain frontend applications, serverless APIs, and libraries
  - Lead developer on OLBB Getting Started Hub learning content delivery platform, and Lexicon internal design system and component library
  - Maintain OLBB Help Center knowledge base and FAQ application
- 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
- CSS
- JavaScript
- TypeScript
- Node.js
- Angular
- React
- AWS
- Git
- Agile
- CI/CD and IaC
- 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.