Joshua Ydenberg

1727 Grant Street, Vancouver, BC
604-809-5334
Joshydenberg@gmail.com
Github.com/jydenberg

Software Developer
Full-Stack development | Database integration | API creation

I create solutions for software development, with a focus on full-stack development and database management, integration, and optimization. I am passionate and able to execute projects from concept to delivery. I recently achieved my bachelor's in computer science from the University of British Columbia. Since graduating in January 2018, I have worked in business management, created and implemented multiple software projects and contracts, and continue to hone my development skills through technical interview preparation and practice. I am looking for an opportunity to use my technical skill-set along with my existing work experience to find full-time employment, contract work or internship opportunities within the software development industry.

Skills

- Java and JDBC
- JavaScript/TypeScript
- NodeJS
- C/C++
- SQL/SQL Server Management Studio
- MongoDB/Mongoose

- HTML/CSS
- OpenAPI(Swagger.IO)
- GIT repositories / Version Control
- Microsoft Office Suite
- React/Redux
- Jenkins

- Familiar with development strategies, including both Agile and Waterfall Methodologies
- Effective team communication and development, including paired-programming
- Experience creating and maintaining test suites and scripts
- Comfortable and experienced with public speaking and product presentation
- Proven leadership qualities and experience

Relevant Experience

HSBC Chat Bot Capstone – Created a proof-of-concept Chat and Voice bot for HSBC to communicate with clients on mortgage related content. Our solution uses a microservice approach, with live deployment using Jenkins and integration with google services and cloud functionality.

- Used Typescript/Promises, MongoDB, and Mongoose for Database access, management and optimization
- Used openAPI/Swagger.IO to create the REST API infrastructure for communication between the microservices
- Creation and implementation of the Calculator functionality in the back end
- Helped with creation of dialogue using Natural Language Programming.
- Worked with a team in an AGILE team environment
- Use of Jenkins and Docker for automated deployment of the microservices
- Integration of the Google-API, including maps and GPS tools, using typescript promises and call-backs.
- Creation of testing script and suites using Mocha/Chai libraries

Here and Now Botanicals – Warehouse Material and Recipe Application – Created a Java application which uses JDBC to accesses and manipulates a SQL*Plus Database. It tracks related materials and recipe quantities.

- Created a Java UI to handle differing types of storage and query requests.
- Implementation of JDBC queries to access the SQL database.
- Creation of SQL Seed page to populate data
- Solution was implemented and is being used in live warehouse setting.

Island Clean Air Inventory Management Web Application- Created a web app for Island Clean Air as they look to upscale and merge with Sherwin-Williams Paints. As per client request, the App is server-less and accessible through any browser.

- Built using HTML5, CSS, and JavaScript
- Database operations implemented using TaffyDB

Education

Bachelor of Arts in Computer Science   **January 2018**
University of British Columbia | Vancouver | BC

Curriculum focused on software development, algorithms and data structure design and analysis. This included a variety practical project-based software courses, as well as building knowledge of theory and standard industry practice. Courses of note include object-oriented programming, functional programming, database implementation and management, distributed networks. and operating system design.

Other Experience

Operations Manager | Sprout Botanicals | Vancouver | BC   Nov. 2017-Present
Foreman | Tailored Spirits | Vancouver | BC   Jan. 2015 – Sept. 2017
Foreman | Seven Pillars Construction | Vancouver | BC   Sept. 2012 – January 2015
Carpenter | Benchmark Construction | Vancouver | BC   Jan. 2010 – Sept. 2012
Apprentice Electrician | Holmes Electric LTD | Kelowna | BC   Sept. 2009 – Dec. 2009.
Carpenter | Roberts Developing | Langley | BC   May 2009 – Sept. 2009
Foreman | West Coast Crate Company | Abbotsford | BC   Mar. 2009 – May 2009
Carpenter | Highpoint Construction | Langley | BC   Apr. 2008 – Feb. 2009
Bartender | Elephant and Castle Pub | Langley | BC   Oct. 2007 – Mar. 2008
Carpenter Apprentice | Marcon Construction | Langley | BC   Oct. 2006 – Oct. 2007
Customer Service Representative | Coast Capital Savings   Sept. 2005 – Oct. 2006
Credit Union | Langley | BC