

Michael Yaworski

Full Stack and Mobile Developer

University of Waterloo | Software Engineering

INFO

<http://mikeyaworski.com>
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LANGUAGES

- JavaScript
- Java
- PHP
- Swift
- Python
- C/C++

FRONT-END

- Android
- iOS
- Angular
- React
- Meteor
- jQuery

BACK-END

- Node
- Express
- Passport
- MongoDB
- PostgreSQL
- MySQL

OTHER

- Android Studio
- Xcode
- Git
- Unix
- Vim
- Mocha

EXPERIENCE

Diamond

Sept 2017 - Dec 2017

Software Engineer

- Integrated OneDrive and Slack into search engine to **index cloud storage** files and messages
- Enumerated Microsoft Graph API and Slack API to index files and messages
- Built **webhook architecture** to process real-time events and add them to consume queue
- Implemented a **unit testing suite** with mocha for integrations and private libraries

[JavaScript](#) / [ES6](#), [Node](#), [PostgreSQL](#), [Elastic](#), [Redis](#), [MongoDB](#), [Express](#), [Passport](#), [Mocha](#)

PerkinElmer

Jan 2017 - Apr 2017

Full Stack Developer

- Built a **package management system** with Meteor for downloading internal app extensions using Box API
- Built an **admin dashboard** and a **package explorer app** for the package management system
- Implemented a **voice interface** to control a web app using Google Actions (API.ai) and Amazon Alexa
- Implemented **webhooks and websockets** using AWS Lambda and Express endpoints to handle live updates
- Implemented **data preprocessing** in Python to improve machine learning classification accuracy by **9%**
- Developed an **automated schema matching** engine

[JavaScript](#), [Meteor](#), [Node](#), [Express](#), [MongoDB](#), [Python](#), [RapidMiner](#)

LaunchSpot

May 2016 - Jan 2017

Software Developer

- Developed and managed the front-end of a web app with AngularJS (Angular UI Routing and Angular Bootstrap)
- Implemented UI/UX for **major features** on the app: groups, activity streams, notifications, user connections
- Completely **redesigned the UX/UI**, causing a major increase in daily active users

[JavaScript](#), [AngularJS 1.x](#), [Bootstrap](#), [LESS](#)

PROJECTS

See all at <http://mikeyaworski.com/#projects>

Android Game Development Course (in progress)

- **Authoring** an online **Android + Java** course with a focus on **game development**
- Publishing the course via **Packt Publishing** in the second quarter of 2018

[Java](#), [Android](#)

Android Apps

<http://apps.miky.ca>

- Developed and distributed many popular apps that reached **35,000+ total downloads**
- Focused mainly on calculators for **mathematics** and a notepad app
- Apps include: *Greatest Common Factor*, *Calculator++*, *Secret Notepad*

[Java](#), [Android](#)

Bar Line (discontinued)

<http://android.barline.xyz> and <http://ios.barline.xyz>

- Built the full stack of the **Android & iOS** apps to display the wait time and crowding levels of night clubs
- Created a **REST API** in **PHP** for night club staff to manually update data
- Built the full stack **web app** that uses **crowd sourcing** with **React**, **Node**, **Webpack + ES6**, and **WebSockets**

[Java](#), [Android](#), [Swift](#), [iOS](#), [PHP](#), [MySQL](#), [Node](#), [React](#), [ES6](#), [MongoDB](#), [Socket.io](#), [Google Maps API](#)