

# KATHERINE HALDANE

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## SKILLS/QUALIFICATIONS

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- Proficient with Android SDK versions from Ice Cream Sandwich to Nougat
- Prototype android applications using InVision, Sketch, and Zeplin
- Consume RESTful APIs using Retrofit and OkHTTP
- Deployment strategies using Google Play Alpha/Beta channels
- Monitor crash reports, analytics, and user trends using NewRelic, Segment, and Google Analytics
- Working in a highly collaborative environment following agile methodologies
- Continuous integration using BitRise
- Test-driven development (TDD) and test coverage tooling such as JUnit4, Mockito, and MockWebServer
- Front-end web development with HTML5, CSS, JavaScript, jQuery, AngularJS, and Bootstrap
- Back-end web development with Java, C#, ASP.NET, PHP, Laravel, MySQL
- Familiar with tooling such as Android Studio, Visual Studio, SQL Management Studio, Eclipse, GitHub, and BitBucket

## RELATED EXPERIENCE

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### Android Engineer

Feb 2016 – Present

Surflife/Wavetrak inc.

- Follow software development lifecycle (SDLC) to create several Android applications
- Work alongside API engineers to create meaningful contracts integrated in our applications
- Create and maintain OAuth2 and IAP libraries distributed with Artifactory
- Standardize deployment strategies, reduce technical debt, and improve test coverage
- Integrate Google Play Services, Maps V2, Retrofit, and other open source APIs within our applications
- Implement Mercator projection algorithms to translate users' geolocation to pixels on screen captured map imagery
- Collaborate with data science engineers and JPL Laboratories to take satellite imagery from Jason 2/3, Aquarius, and ISS-RapidScat to display human readable overlays in marine products
- Work with stakeholders to continuously improve retention and conversion within our products

### Android & Web Application Developer

Dec 2014 – Dec 2015

Resolution Interactive Media

- Collaborated with clients, designers, and UX researchers to outline new features and product specifications for Android applications
- Standardized development and deploy strategies as well as documented architecture
- Participated in weekly tech talks to communicate Android principles and best practices
- Consumed social media APIs and integrate secure user login using OAuth 2.0 with Laravel web applications
- Created full scale e-commerce web applications that met all client requirements and provide the best user experience for consumers

### Software Developer (co-op)

May 2014 – Sept 2014

Goodlife Fitness, London, Ontario

- Developed and maintained large internal ASP.NET applications utilized by thousands of users
- Co-developed and tested Rest APIs that interfaced with GoodLife internal data
- Collaborated with developers, business analysts, and architects to develop preventative measures with Canada's Anti-Spam Legislation
- Followed agile methodologies while collaborating with business alignment to meet product requirements

**Web Application Developer (part time & co-op)**

Jan 2013 – Jan 2014

Campbell Bros Movers, London, Ontario

- Developed and maintained MVC websites in ASP.NET while monitoring traffic with Google Analytics
- Co-developed a real estate web application in Wordpress with a corresponding CMS agent portal in ASP.NET
- Collaborated with external developers using repositories such as GitHub and BitBucket
- Integrated MLS search tools to promote realtor listings and provide clients property details

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**EDUCATION****Computer Programmer Analyst Advanced Diploma**

Sept 2011 – Dec 2014

Fanshawe College, London, Ontario

- Dean's Honour Roll 2014

**Ontario Secondary School Diploma (O.S.S.D)**

Jun 2010

Central Secondary School, London, Ontario

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**REFERENCES**

Available Upon Request