

## Work Experience

- **Capital One Canada** Toronto, Canada  
*Principal Associate Software Developer* *August 2018 - Present*
  - DevOps engineer working on proprietary AWS cloud delivery pipelines. Automating the building of infrastructure and shipping of code across the enterprise.
  - Tech lead and primary owner of the AWS Lambda automation solution which provisions and maintains thousands of AWS Lambda functions for over a thousand teams. Also maintainer of the RDS, Route53 and S3 solutions. All solutions are unit tested, integration tested in AWS and documented.
  - All solutions developed by myself and my team focus on compliance, security and resiliency. Capital One implements a “You Build It You Own It” model to software support and my job is to ensure engineers have the knowledge and power to make that model a success.
  - Our team is also responsible for coordinating a quarterly disaster recovery exercise which emulates an AWS region blackout on production systems for the Canada Software Studio.
  - Bootstrapping and mentoring new hires getting them productive as quickly as possible.
- **Ontario Teachers’ Pension Plan** Toronto, Canada  
*Senior Software Developer* *June 2015 - August 2018*
  - Lead developer of “Member Web” - Teachers’ secure customer web portal used by our 300,000 active and retired members. I developed and launched a partial re-write of the site from a monolithic Java application using the Wicket framework, to an interactive AngularJS application integrated with RESTful APIs written in Spring Boot.
  - Automated the provisioning of development environments and deployment of web applications using Chef.
- **Sportech PLC (Football Pools)** Liverpool, UK  
*Agile Web Developer* *May 2014 - May 2015*
  - Developed a large scale internal call centre support system written in Ruby on Rails with Postgres database.
  - Collaborated with offshore team at ThoughtWorks - included reviewing incoming pull requests.
- **Sensible Development** Brighton, UK  
*Software Developer* *Aug 2012 - Mar 2014*

## Education

- **University of Liverpool** Liverpool, UK  
*BSc. Computer Science* *2009 - 2012*