

STEPHEN TURNER, P.ENG

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SUMMARY:

Systems Engineer with over 10 years' experience and a proven ability to learn new concepts and technologies quickly and think creatively to apply them to projects in a professional manner. Personally responsible for the successful design, development and support of various specialized, custom software solutions for clients across various industries.

SKILLS:

- Vast Development, Operational and Architectural Design experience in multiple languages across multiple environments.
- Deep Experience with Continuous Integration, Continuous Deployment and DevOps processes for Agile projects.
- Excellent interpersonal skills, confident and poised in interactions with individuals at all levels readily developing rapport with clients and colleagues.
- Detail oriented and resourceful in the completion of projects with the ability to multi-task and meet strict deadlines.
- Dedicated individual, with a reputation for consistently going beyond what is required.

WORK EXPERIENCE:

Lead DevOps Engineer, **Scotiabank Digital Factory**

Sept. 2018 - Present

- **Lead of highly skilled DevOps team of 7 people, guiding architecture and design solutions, clearing obstacles, coach and enabler to junior specialists.**
- Presenter at security conference speaking about "DevSecOps" strategy and practices within the Digital Factory

Senior DevOps Engineer, **Scotiabank Digital Factory**

Oct. 2016 - Sept. 2018

- **Created CI/CD pipelines for major Scotiabank applications including the Scotiabank Mobile Application (iOS & Android), Verified.Me, Day to Day Banking and more, which support millions of customers daily.**
- Administrate build tools for continuous integration (**GIT, Gradle, Jenkins, Bitbucket, SonarQube** and **Artifactory**)
- Designed and implemented large scale, secure and high availability solutions using Cloud Environments such as **Azure, Google Cloud** and **VMWare** with **Cloud Foundry (PCF)**
- Automate deployments with such configuration and orchestration tools as **Ansible** and **Puppet**
- Automated all solutions using such scripting languages as **Shell, Groovy** and **Python**
- Subject matter expert with containerization technologies including **Docker, Kubernetes (GKE)**

Infrastructure Architect – Team Lead, **IBM Canada**

Sept. 2015 - Sept. 2016

- **Lead of cross functional team of over 10 members, spanning multiple countries, responsible for building, monitoring, maintaining high availability QA and Prod infrastructures for clients in the financial industry.**
- Designing and implementing automated server build with continuous integration and deployment processes working with technologies such as **Softlayer Cloud, Jira, Confluence, Jenkins, GIT, Docker, Ansible, Artifactory** and **Guidewire**.
- Work with the client on a day to day basis to ensure that a good relationship is maintained with IBM.

Service Engineer, **BlackBerry** (Formerly *Research in Motion, RIM*)

Apr. 2011 - Sept. 2015

- **Responsible for developing, deploying, monitoring and maintaining infrastructure high availability for production consumer facing BlackBerry applications and services.**
- **Lead Service Engineer for high profile projects including QNX Internet of Things (IOT), Movirtu Virtual SIM Platform (VSP), BlackBerry News RSS Aggregation, Push Data Services, Customer Analytics, BBM Advertising and Social Media Services.**
- **Designed and developed a custom automated service verification system widely adopted throughout Operations, responsible for monitoring and reporting on BlackBerry's infrastructure by communicating with thousands of servers and services worldwide.**
- **Technologies used include Virtual Environments (KVM, OpenNebula), Relational and Non-Relational Databases (Oracle, Hadoop and Cassandra), Scripting (Shell, Perl, Python, etc.), Web Application Servers (Apache, Tomcat), Messaging Queuing (JMS, ActiveMQ), Network Administration (DDNS, DHCP, BigIP), Containerized Environments (Docker) Server Management (Chef, Puppet, and Ansible) and UNIX Administration (Ubuntu, RedHat, SuSe, CentOS).**

Software Engineer, IBM Canada

Feb. 2010 - Mar. 2011

- **Created custom server and client side applications and provided on call after hours support for major clients in the financial industry. Duties include problem and change management, requirements gathering, architecting solutions, design, development, testing, and deployment.**
- **Lead of Global Transition Management overseeing a team of 3 responsible for the transfer of Source Management duties which involved the training of people affected by the change.**
- **Created Single Sign On (SSO) server application for major client in financial industry using IBM Rational Application Developer, IBM Websphere Application Server and LDAP Directories.**
- **Troubleshoot issues across a wide range of technologies, including Citrix, IIS, WebSphere, SharePoint, Load Balancers, Tivoli Systems, and Windows/UNIX Servers.**

Manufacturing Software Engineer, JMP Engineering

Apr. 2008 - Feb. 2009

- **Designed, developed and supported custom MES solutions including an Inventory Management Database Application which qualified for Scientific Research and Experimental Development (SR&ED) funding on projects for major customers in the construction, chemical, automotive, food/beverage and pharmaceutical industries.**
- **Provided in-house and end user technical support over the phone and in person at worksites.**
- **Technologies used include .NET, Silverlight, WPF, Oracle and SQL Server.**

CERTIFICATION: PEO - Professional Engineers Ontario, License 100191048

Apr. 2014

EDUCATION: Bachelor of Engineering, *Computer Systems Engineering*
University Of Guelph, Guelph, Ontario

2003 - 2007

- Dean's Honour List