
Summary

- 10+ years of development, QA, and project management experience
- Proven track record on large-scale projects
- Technical expertise in multiple languages and environments
- Leadership of both internal and external teams

Education

B.Sc. Computer Engineering, *University of Alberta.*

Experience

- Oct 2016 – present **Senior Quality Engineer**, *Jobber.*
- Built standards and processes around quality engineering
 - Improved automated test suites
 - Developed new features in Rails and Ember using Agile
- May 2010 – Oct 2016 **Web Producer / QA Lead**, *City of Edmonton.*
- Led team of 3 QA staff, including hiring and performance reviews
 - Managed outsourced team's development and operations work
 - Modernized website infrastructure and code-base
 - Upgraded web infrastructure to handle 20x greater traffic load
 - Formalized quality assurance and defect tracking processes
 - Implemented automated deployments and multiple test environments
 - Led training sessions for large groups of staff and clients
 - Tracked and reported progress to stakeholders
 - Chaired Web Advisory Committee and participated in website governance
- Jan 2010 – May 2010 **Senior Developer (contract)**, *Athabasca University.*
- Integrated social networking and course-ware applications with enterprise systems
 - Worked with stakeholders, QA, and IT to develop requirements and goals
 - Designed and implemented new features
 - Planned project milestones and tasks using Agile methodology
 - Implemented new features and bugfixes in existing codebase

Jesse van Herk – Senior Developer

- May 2005 – Dec 2009 **Web Development Manager**, *BioWare/Electronic Arts*.
- Delivered large-scale social networking website on-time and on-budget
 - Designed architecture to display in-game telemetry on websites
 - Managed daily tasks and scheduling for team of 3 developers
 - Coordinated agencies and contractors to develop multiple AAA websites
 - Migrated website assets to new CDN, saving over \$10k per month
 - Mentored junior team members in development techniques and day-to-day work
 - Designed and managed setup of new web hosting environments
 - Presented plans, progress, and schedules to stakeholders
- Senior Systems Developer**, *BioWare/Electronic Arts*.
- Refactored web applications to scale to millions of queries per day
 - Migrated production applications to modern MVC framework (cakePHP)
 - Trained new team members and developed documentation repository wiki
 - Implemented automated deployment and testing process
 - Designed and implemented new business applications in PHP and Perl
 - Developed APIs for existing web applications using SOAP and REST
- Aug 2004 – Jan 2005 **Software Development Engineer (contract)**, *Amazon*.
- Implemented new features for amazon.com eCommerce systems
 - Integrated back-end web services with front-end website using CORBA
 - Added automated monitoring for critical systems
 - Worked with regional teams to determine holiday scaling needs
 - Deployed new servers to handle increased load
 - Debugged network bottlenecks and systemic bugs
- prior to 2004 **various**, *contact for details*.

Technical Details

Languages	Python, Ruby, JS, PHP, C#, C++, HTML5, CSS3, SASS, Lua, Perl
Version Control	Git, Perforce, Subversion, TFS, Bzr
Databases	MySQL, MariaDB, PostgreSQL, Oracle, SQL Server
Servers	Nginx, Nodejs, Lighttpd, Memcached, Apache2, IIS, Uwsgi
Devops	Ansible, AWS EC2/S3, Vagrant, Jenkins, Puppet, Chef
Tools	Github, Bitbucket, Zendesk, JIRA, Eclipse, Visual Studio, vi
Frameworks	Bootstrap, Angularjs, .NET, Rails, CakePHP, Drupal

Miscellaneous

Languages	Native English speaker, intermediate French
Bragging Rights	Jumped out of a plane. Jujitsu brown belt. Survived the game industry.