Stephen Chen

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TECHNICAL SKILLS

- Programming: C#, Java, PHP, HTML, Python, Ruby, JavaScript
- Libraries/Framework: .NET, Laravel, ElasticSearch, jQuery, AngularJS, Django, Rails, Marionette
- DBMS: SQL Server, MySQL, Neo4j, MongoDB, SQLite, Oracle DB
- Tools: Git, SVN, JIRA, TeamCity, New Relic, Ansible
- Editors: Visual Studio, IntelliJ, PHP Storm, PyCharm, Vim, Atom
- Operating Systems: Windows, Mac OS X, Linux (Debian, Ubuntu)

SOFT SKILLS

- Excellent organizational and time management skills from simultaneously handling multiple development projects.
- Outstanding teamwork and leadership skills developed from leading, planning and coordinating development sprints and workload.
- Sharp debugging and observational skills from working closely with QA for test automation.
- Excellent interpersonal communication skills from writing customer facing technical documentation.

WORK EXPERIENCE

Uberflip, Software Engineer, Toronto, ON, January 2016 – Current
Tools Used: IntelliJ, PHP Storm, PyCharm, MySQL, MongoDB, ElasticSearch, Git, TeamCity, Redmine, Ansible
- Designed and implemented functional testing infrastructure to aid in test driven development of new features.
- Reengineered the deployment methodologies used to deploy code, configurations, and SQL changes to production.
- Helped develop Uberflip's identity as a Platform by architecting and implementing a public REST API.

Oracle Eloqua, Software Developer, Toronto, ON, September 2013 – December 2015
Tools Used: Visual Studio, SQL Server, Oracle DB, Git, TeamCity, JIRA
- Monitored and identified enterprise security vulnerabilities as a member of the Infrastructure Team.
- Implemented and maintained core internal platform services (service discovery, authentication, authorization etc) as the platform shifted towards service oriented architecture.
- Deprecated the legacy data-center specific login pages in favor of a central global login portal.
- Contributed to the implementation of Eloqua's next generation segmentation engine using ElasticSearch and Autobahn.
- Frequently assisted Level 3 customer support with debugging and hotfixing customer reported issues.

ThoughtWorks Inc., Consultant (COOP), Toronto, ON, August 2012 – December 2012
Tools Used: IntelliJ, Vim, Grails, Groovy, JIRA, KnockoutJS, HTML
- Utilized agile development methods for IT consulting for client Partners In Health in Boston, MA.
- Implemented and deployed an inventory supply chain tool for hospitals and warehouses in Haiti.

EDUCATION

Bachelor of Software Engineering, Honours Software Engineering, University of Waterloo, Waterloo, ON, September 2007 – April 2013.

Relevant Assignment(s):

Fourth Year Design Project, October 2011 – February 2013
- Android phone application development for Sana MIT.
- Engineered a phone application designed to provide live patient data feed for doctors and nurses working in the field.

Distributed File System May 2012 – August 2012
- Designed and implemented a distributed file system in Python with edit conflict resolution and version control.

Operating Systems, January 2011 – April 2011
- Programmed an operating system on a Coldfire motherboard with basic memory management, processes, threads, and scheduling.

PERSONAL PROJECTS

Restlab.io
Tools Used: Python, Marionette, Backbone, MySQL, PyCharm, Vim, Git
- Implemented a web application capable of taking simple csv input (or more complex model definitions) and generating and hosting an Authenticated API with basic CRUD operations, as well as any custom business logic supplied during the model definition.

League of Legends Chat Bot
Tools Used: Python, MySQL, PyCharm, Vim, Git
- Implemented a chat bot designed to respond to private messages commands from players and reply with requested information such as time until next win of the day, win/loss ratio, player rankings and ratings.

Social Networking Designed For Students
Tools Used: Python, Django, MySQL, PyCharm, Git, Bootstrap
- Designed and implemented a small social networking site designed to connect students with other students taking their courses or students who have previously taken the course to facilitate note sharing and tutoring.