

Conner McConkey

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Objective

Dedicated IT professional with the technical skills to develop, deploy, and manage software systems, the organizational skills to manage projects and meet deadlines, and the communication skills to translate technical specifications to delivered milestones.

Experience

UNIVERSITY OF VICTORIA

Victoria, BC

Senior Systems Analyst

September 2019 - Present

- Manage, upgrade, and maintain enterprise systems as a member of the Production Technical Support team. Ensure systems function as clients require, while being secure and stable.
- Design, implement, and manage the build and deployment infrastructure for University Systems. This entails configuring and maintaining Jenkins continuous integration, and writing Ansible playbooks to deploy a variety of software systems.
- Administer source control management. Manage a Bitbucket instance to host the Git repositories of numerous groups on campus. Manage Pull requests to move code into the production environment.
- Configure Apache Tomcat and IIS web servers to serve a variety of web applications. Maintain web server configurations to meet the application's needs, while being responsive and secure.
- Make technological architecture design decisions to guide the implementation of software systems to ensure system reliability, security, and adaptability.
- Manage project timelines and priorities to meet deadlines and achieve project milestones, ensuring the project scope is maintained and clients are satisfied.
- Continuously communicate throughout the life of a project, by recommending technical solutions, keeping people informed on project progress, and managing project workload amongst teams, vendors and stakeholders.

Systems Analyst

May 2018 - September 2019

- Successfully completed the upgrade of the University's recruitment CRM software and student recruitment website. Ensured the technical upgrades were completed while minimizing impact to the clients and preserving complex workflows.
- Successfully upgraded the University's course scheduling software, while introducing LDAP single sign on integration, to maintain the latest software and improve the user management.
- Responded to operational tickets and resolved production issues. Worked with my team and other university employees to investigate complex issues and efficiently resolve them.
- Effectively communicated with teams and stakeholders to coordinate application upgrades. Clear communication and organization is essential.
- Frequently used Linux tools to debug server and software issues. This includes scripting, grep searches, resource monitoring, log monitoring, and other tasks.
- Maintained precise documentation of production systems to ensure team members can troubleshoot the system if a critical outage arises.
- Maintained information security by using iptables, firewalls, F5 load balancing, and system hardening.

OCEAN NETWORKS CANADA

Victoria, BC

Junior Software Developer

September 2017 - May 2018

- Developed high quality Java software to fulfill functional and qualitative requirements. The software was produced by following the software development lifecycle, on an Agile team.
- Successfully met project milestones for the development of an earthquake early warning system. The system operates in realtime to monitor the BC Coast and provide vital alerts.
- Managed the SVN source control for a major project, branching from the trunk, continuously merging, and resolving conflicts.
- Built and deployed code using Jenkins continuous integration, JUnit automated testing, and SVN.
- Designed system architecture to fulfil business requirements and functional specifications, selecting design patterns to model data flow through numerous states of processing.
- Developed software to collect raw sensor data, filter and analyze results, correlate data from numerous sources, and produce actionable results.
- Communicated clearly to clients and stakeholders to ensure the project progress was understood.
- Utilized Confluence and JIRA tools to maintain project documentation and track development.
- Performed unit, integration, and regression testing to uphold system quality, security, and reliability.

Education

UNIVERSITY OF VICTORIA

Victoria, BC

Bachelor of Science

September 2012 - May 2017

Faculty of Computer Science

Professional Certificate in Information Communication Technology

May 2016 - May 2017

Faculty of Education

UNIVERSITY OF CALGARY

Calgary, AB

Database Administration Certificate

September 2019 - March 2020

Technologies and Skills

Programming Languages: Java, Python, plus exposure to many others

Linux Tools: bash, grep, ssh/scp, vim, cron jobs, log debugging

Source Control: Git, SVN, Bitbucket

Build Tools: Jenkins, Ansible

Webservers: Apache Tomcat, Microsoft IIS

Web: HTML, JavaScript, CSS, JSON, REST

Databases: Oracle SQL, Microsoft SQL, PostgreSQL

Productivity Tools: Microsoft Office (Word, Excel, Outlook), JIRA, Confluence, Adobe Creative Suite

Skills:

- Manage, upgrade, and maintain enterprise systems.
- Analyze system architecture to create automation opportunities.
- Careful management of production systems, investigating issues to resolve disruptions in service.
- Clearly communicate to numerous groups to schedule upgrades/releases, build relationships, and promote knowledge sharing.
- Organize projects and coordinate work to meet project deadlines and milestones.