

Shaun W. McCready

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Technical Skills

- Languages: Java 7 & 8, C++, JavaScript, PHP
- Frameworks: Spring & Spring Boot, Hibernate, Maven, JPA, JUnit, Mockito, AngularJS
- Relational Databases: PostgreSQL, MySQL
- Operating Systems: Mac OS X, Linux, Windows
- Cloud Services: AWS (EC2, RDS, S3, CloudWatch)
- Other: REST, GIT, IntelliJ, Sublime Text, Postman, Talend Data Integration, Jenkins, Bamboo, Slack
- Learning: Docker, Elasticsearch, NGINX, MEAN/MERN stack

Relevant Experience

Back-end Software Developer

2013 - Present

MindGeek, Montreal, Qc

- Involved in the creation, architecture & maintenance of the Atlas affiliate tracking & reporting web app from the ground up using Java and Spring.
- Created several REST endpoints within the API
- Developed and in charge of the Payment section of the application.
- Developed a mail system within the application for affiliates to message each other as well as broadcast to everyone
- Created a link code generator and decoder which tracks customers and specifies the products they purchased
- Handled database migrations from legacy MySQL based systems to PostgreSQL
- Creation & maintenance of the PostgreSQL database, including creating stored procedures
- Implemented several batch & CRON jobs for automating tasks such as validating reporting data and processing data
- Created and ensured all code was covered by unit tests.
- Coordinating with clients on solving issues and implementing new features.
- Training and supervising new employees and interns.
- Worked using Agile, Lean and Waterfall methodologies.

Education

Bachelor of Computer Science

2009-2013

Concentration: Information Systems/Business Technology Management

Concordia University, Montreal QC

Academic Projects

Web-based Enterprise Application Design

2012

- Lead a team of five programmers in creating a web enterprise application to facilitate student group formation and managing using a custom framework (SoenEA). Followed the pure-layered and client-server architectural styles. Designed and implemented using MySQL, Eclipse, Tomcat, Servlets and JSP. Design patterns used: MVC, Data Mapper, Input & Output Mapper, Identity map, Row & Table Data Gateway, Front Controller, Lazy-Load via Proxies, Unit of Work, Domain Model, Factories, and finally, Dispatchers & Commands.

Databases

2012

- Lead a team of four in developing a web-based computer system for a fictitious car wash and car sales company. Designed and implemented using MySQL and PHP. Communications to the database were done using a REST API and parsing the output to JSON.

Web Services & Applications

2013

- Worked in a team of four to create an entire supply chain system designed to emulate Amazon.com. This system was composed of three major components: a manufacturer system with several manufactures, a retailer system with warehouses and retailer service, and finally a web client application which displays all products for sale. Designed and implemented the retail service using BPEL and SOAP services with synchronous and asynchronous communication, manufacturers using SOAP and XML as persistent storage (requirement of project), and finally the web client using Servlets, JSPs and SOAP & REST calls to the retail service and manufacturers. *Only successful group to complete this task.

Additional Experience

Radio DJ

2002 – 2004

CJLO Radio Concordia University, Montreal, QC

- Hosted “The Gutter”, a weekly radio show every Saturday

Languages

- Native proficiency in English
- Professional working proficiency in French
- Basic Spanish

Interests

- DJing since 1998, Music production and recording.
- Martial arts: Wing Chun & Choy Lee Fut.
- Golf, piano, video games.
- Woodworking and carving.