

Shaun McCready

Full-Stack Software Developer

Address: Montreal, Qc
email: shaunwmccready@gmail.com
github.com/shaunmccready

Technical skills

- **Languages:** Typescript/JavaScript, Java, SQL, PHP, C++
- **Frameworks/libs:** ReactJs, ExpressJs, NextJs, Prisma ORM, tRPC, Zod, Spring & Spring Boot
- **Databases:** PostgreSQL, MySQL, Vertica, Redis
- **Cloud Services:** Google Cloud (BigQuery, GC Storage), AWS (EC2, RDS, S3, Cloudwatch, SQS), Vercel
- **Other:** Maven/Gradle, JPA, GIT, REST, Hadoop (HDFS, Hive), Bamboo, Docker, bash scripting, ZooKeeper

Experience

Learning Sabbatical & Startup project

11/2022 – 01/2024

- Took a sabbatical from company work to attempt a startup project with colleagues
- Good opportunity to expose myself to technologies that weren't available at current company, and test out my entrepreneurial skills
- **Technologies:** T3 Stack (Typescript, tRPC, TailwindCSS), NextJS, Prisma ORM, Radix UI, Aply (websockets), Zustand, Zod

Senior Software developer

07/2021 – 11/2022

BreatheLife (acquired by Zinnia), Montreal, Qc

- Lead a squad developing full stack features for an insurance platform which includes architecture, design, mentorship, and communication with product & management.
- Involved in a major refactor of the data model, aligning it better with the business (insurance) domain.
- Frequent presentations & demos to stakeholders (technical & non-technical).
- **Technologies:** Typescript, Nodejs, PostgreSQL, Sequelize ORM, Yarn, FeathersJs (API framework), React, Redux, React Query, Google Cloud Platform, Terraform, Jest

Senior Software developer

08/2020 – 05/2021

ActiVia Networks(Stratacache), Montreal, Qc

- Worked on the backend API which supports all distributed devices.
- Handled the migration of client data from the old system to the new modules.
- Created several PostgreSQL stored procedures to facilitate migrations.
- **Technologies:** Java, Spring Boot, PostgreSQL, Docker/Docker-Compose, Google Geo-Location API, bash, JUnit, Mockito

Senior Software developer

04/2019 – 2020

Mindgeek, Montreal, Qc

- Transferred to the Cloud Data Services team which handles all the companies Big Data related info
- Working on the major ETL layer for processing the log files for the company. **Approx 65 billion events per day.**
- Involved in the redesign and implementation of the overall application from a monolithic service into separate micro-service based components, geared towards cloud computing rather than managed bare-metal servers
- Took part in presentations to improve practices and design with clean code.
- Involved in migrations of data from a legacy version of the service to the newer components.
- **Technologies:** Java, Spring Boot, PostgreSQL, Spring Integration, Apache Zookeeper, Mesos, MySQL, Grafana, AWS, Docker, Hadoop, Vertica, bash/Linux, JUnit, Mockito

Senior Software developer

2016 – 04/2019

Mindgeek, Montreal, Qc

- Promoted to Senior Software developer. Kept previous responsibilities in addition to new ones.
- Training and supervising new employees and interns.
- Architecting solutions for developers to implement
- Implemented a backup to Google Big Query of older database tables with validation
- Monitoring the application via Grafana
- Created a script that monitors the applications and sends a notification via Slack when problems arise

Intermediate Software developer

2013 – 2016

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 within the system
- Created a link code generator and decoder which tracks customers and specifies the products they purchased
- Handled database migrations and importing data from legacy MySQL based systems to PostgreSQL
- Creation & maintenance of the PostgreSQL database, including creating stored procedures, indices and performance improvements
- Implemented several batch & cron jobs for automating tasks such as validating reporting and processing data
- Created new sections within our web interface
- Created and ensured all code was covered by unit tests.
- Coordinating with clients on solving issues and implementing new features.
- Worked using Agile, Lean and Waterfall methodologies.

Education

Bachelor of Computer Science

2009 - 2013

Concentration: Information Systems/Business Technology Management

Concordia University, Montreal QC

Completed the Linux foundation course geared towards Linux system administrators

2016

<https://verify.edx.org/cert/257a9fa8fe82451a97047049c9dae117>

Languages

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

Interests

- DJing since 1998, Music production and recording.
- Golf, piano, acrylic painting, video games.
- Woodworking, carpentry and DIY home renovations.
- Martial arts: Wing Chun & Choy Lee Fut.