

Gregory Saabas

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Education

University of Waterloo, Waterloo ON
Bachelor in Computer Science

2007-2012

Professional experiences

Ubisoft, Montréal
Online Developer

August 2022 to April 2023

- Maintained and developed micro-services (ASP.NET Core) with REST APIs
- Added persistence for micro-services (Redis, MongoDB)
- Maintained project Devops (Gitlab-CI, Gitlab-CD, Helm, Kubernetes, Kibana, Grafana)
- Developed features following best practices (Gitlab Code Review, XUnit Tests, E2E Tests).
- Identified and created proposals for several infrastructural improvements.

Microsoft Nuance, Montréal
Java Software Developer

October 2019 to July 2022

- Implemented new endpoints for Spring micro-services communicating through GRPC
- Added persistence for micro-services (PostgreSQL)
- Setup and maintained project Devops (Gitlab-CI, Harness-CD, Helm, Kubernetes, Prometheus, Grafana)
- Debugged production using Azure Logs, metrics and tracing (Jaeger)
- Developed features following best practices (Gitlab Code Review, JUnit Unit Tests, JUnit E2E Tests).

Nuance Communications, Montréal
Application Software Developer

October 2017 to September 2019

- Developed Dialog Applications using proprietary software and Javascript in an Agile work environment
- Filed several feature requests to the engine team to improve the Dialog Application development process
- Developed a tool to run integration tests on the Dialog Applications

Schneider-Electric, Dollard-des-Ormeaux
Software Developer

January 2015 to August 2017

- Set up and maintained an open source Issue Tracking web application (Redmine for Ruby on Rails) for use by nuclear engineers
- Deployed and maintained an nginx server and MSSQL server
- Performed data migrations across different versions of Redmine
- Developed several plugins to automate certain tasks within the application and improve usability

Schneider-Electric, Dollard-des-Ormeaux
HMI Application Developer

January to December 2014

- Created and tested an HMI application to be used by nuclear power plant operators.
- Diagnosed and designed solutions for system design issues

Invensys, Dollard-des-Ormeaux
Software developer

January to December 2013

- Designed and developed internal tools to assist with integration of our Distributed Control System solution with clients preexisting solutions
- Created Windows Forms applications in C#
- Produced Documentation for procedures and internal tooling

Software expertise

Programming languages

- Java (Spring), C#, Python, Go, JavaScript, Rust, Bash.

Software

- GNU/Linux
- Git
- IntelliJ Idea
- Docker
- Kubernetes
- Gitlab-CI

Personal interests

- Free software and open source.
- Automation and Productivity tools and technology
- Code style: efficiency, maintainability, and composability
- Fighting games, board games
- Input devices (custom controllers, custom keyboards, steno keyboards)

Languages

- English: Native
- French: Native
- Japanese: Beginner

Other experiences

IT Support

20 Months between 2008 and 2012

Brain Injury Services of Hamilton,
Agriculture and Agri-food Canada (Guelph, ON),
University of Waterloo School of Pharmacy

- Provided first and second level desktop support in person to variety of different clients including social workers, businessmen, scientists, professors, and students
- Produced instructional documentation for common support requests
- Discovered and suggested workflow improvements to users to eliminate long tedious tasks