



Jimmy Royer

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LINKS

GitHub:// [jimlroyer](#)
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SKILLS

SPOKEN LANGUAGES

English • French

PROGRAMMING

Expert

Java • TypeScript • Scala

Proficient

Kotlin • Python 3

Javascript • R • SQL

HTML5 • CSS • PL/SQL

bash/ksh

Prior Experience

Rust • Prolog • Haskell • \LaTeX

LIBS & FRAMEWORKS

AWS • Scalatra • Akka • Spring

AngularJS • lodash • jquery

dplyr • tidyr • ggplot2 • purr

TOOLS

VSCode • IntelliJ • Docker

Maven • SBT • Git

Trello • Jira • Oracle

S3 • Aurora • VPC • ECS • EC2

TEACHING

Typescript Workshop • Code Retreat

OOP & Functional Programming

Data Analysis

EDUCATION

COLLEGE LIMOILLOU

SOFTWARE DEVELOPMENT

June 2003 | Quebec, CA

SOCIAL

OPEN SOURCE

starship

MEETING GROUPS

Lambda Montreal • R Users

Python • Java User Group

EXPERIENCE

CANADIAN DIGITAL SERVICE SENIOR SOFTWARE DEVELOPER

November 2021 – ...

- Contributed to the overall software development lifecycle to bring the Notify platform serving notifications to thousands of Canadians from alpha to beta.
- Provided application support and influenced architectural design on observed technical trend issues

EXPEDIA SOFTWARE DEVELOPER II

October 2014 – April 2020

- Lead development on traffic generation within the multi-item trip team resulting in millions worth of gross profit.
- Pushed forward innovation within Expedia Group with an internal platform for Hackathon projects, serving hundreds of teams and projects.
- Architected and built travel trip aggregator from scratch to improve Expedia's traveler generated content hosting thousands of tips and serving Expedia's landing pages.
- Ran a four-month data analysis project to classify and segment users on Expedia's landing pages.
- Deployed machine learning recommendation model leading as a prototype leading to > 10 millions of gross profit.

DEPLOYMENTNOW SOFTWARE DEVELOPER CONSULTANT

January 2014 – September 2014 | Remote Work

- Lead and wrote an application prototype for Tableau deployment lifecycle and authorization on a 4 months period and a one man team.
- Designed multi-regions platform implemented entirely on the Pivotal Cloud environment.

MODELSOLV SOFTWARE DEVELOPER CONSULTANT

October 2011 – September 2014 | Remote Work

- Managed development and integration environments for the remote team.
- Managed remote team of 3 members for focused effort using SCRUM.
- Developed Eclipse plug-ins around the RepreZen web service modeling tool.

MORGAN STANLEY SOFTWARE DEVELOPER

May 2008 – October 2011 | Montreal, Quebec

- Wrote a proof-of-concept datamasking tool leveraged in negotiations with 3rd party vendors and saved us money on the contract.
- Built a Technology Asset Inventory application that documents all the companies IT software resources.
- Built a multi-platform serialization library for federated messaging modeling across applications (à la Protocol Buffers).

COMPUWARE :: EVISION :: NIL DEVELOPER

July 2004 – April 2008

CERTIFICATIONS

2018 Exploratory Data Analysis & Reproducible Research

2015 Principles of Reactive Programming & Functional Programming Principles in Scala

2014 Data Analysis (from the John Hopkins Hospital @ Coursera)