

Pierre-Alexandre St-Jean

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Experiences

Senior Software Engineer

Pleo

Sept 2017 - Now | Remote

- * PCI compliant Kubernetes infrastructure architecturing
- * Software engineering process & quality of life for engineers and remote workers improvements
- * Lead the Open API project
- * B.I. infrastructure improvements
- * Java to Kotlin microservices migration
- * Develop and Manage the BI infrastructure

Software consultant | Stjean.me

Sept 2017 - Now

Coveo

Team Lead | Cloud infrastructure

Jan 2017 - Sept 2017 | Québec, Canada

- * Lead the cloud infrastructure team (project planification, one on one, ...)
- * Deployment of container clusters (Kubernetes)
- * Lead the infrastructure as code effort through all the company
- * Organize and participate in hackathons and conferences
- * Build and deploy cloud infrastructure platform management software

Software developer

Dec. 2014 - Jan. 2017

- * Analytics backend developer >2.5M events/day
- * Advanced Database Optimizations
- * Implementation of Load balancing of Database clusters
- * Build automated Cloud infrastructure for demo environment (docker, consul & AWS)
- * Organize and participate in hackathons and conferences
- * Build front-end demos and applications using the Coveo platform

Lab teacher - Introduction to software engineering | Université Laval

Sept. 2015 - May 2016 | Québec, Canada

- * Build a new practical lab on software engineering processes
- * Lectures on software engineering processes
- * Help students with the laboratories

Masters Research Student | CERVO Brain Research Centre

Sept. 2013 - Dec 2014 | Québec, Canada

- * Design of a biological systems dynamic model analysis tool

Education

BA. Software engineering | École de Technologie Supérieure

2013 | Montreal, Canada

Technical College (DEC) - Computer Technology | Cégep de Sept-Îles

2009 | Sept-Îles, Canada

Projects & Talks

BlackboxDB.io | Full stack developer

Jan 2018 - Nov 2018 | Québec, Canada

- * Architect and built a full stack, passwordless, nodejs analytics and process solution to optimize filters in the industrial world

Deploying µservices without interruption | Web à québec [talk]

April 2017 | Québec, Canada

Software lead | Club Chinook ETS

Jan. 2011 - Aug. 2013 | Québec, Canada

- * Embedded system programming
- * Circuit design
- * Wire communication protocol design over CANBus
- * 3d Model and 3d Print the driver wheel

Google Summer of code Developer | KDE

May - Aug. 2009 | Remote

- * Extract code from KDE and Kopete to create reusable widgets in C++

Profil & Interests

Vision, communication, leadership, autonomous, self critic, creative, sociable, motivated, polyvalent

Go, ruby, kotlin, rust, java, javascript, react, C, C++, SQL, kubernetes, redis, kafka

Kitesurf/snowkite, ski, yoga, UX&Design, software engineering, architecture, 3d printing

Software engineering processes, Infrastructure automation, observability, continuous deployment, programming languages, distributed systems, open source

References available when requested