Sylvain COULOMBEL

DevOps engineer

About

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🌐 scoulomb.github.io

scoulomb

in sylvain-coulombel

SRE

Kubernetes OpenShift

Docker CI/CD pipeline

Back-end Development

Python Java C++

Languages

French *(Native speaker)*
English *(Advanced)*

Interests

Sports

Sailing
Skiing
Running
Swimming
Kung-Fu

Summary

I am a 30 year old software engineer with strong interest in DevOps. I am currently working for Amadeus. I enjoy learning new technologies!

Experience

Amadeus, Infrastructure and services
06/2019 - Present
Senior Software Engineer and SRE

We are automating load balancer configuration, DNS and firewall. Aim is to provide self-service API to automate this configuration and eliminate the toil. My role is to build the framework foundation, provide architecture and technical recommendations. Technology used: Python, Docker, Karate, Kubernetes, Jenkins, F5, InfoBlox

Amadeus, API and Web Services Platform
01/2018 - 06/2019
Senior Software Engineer and SRE

We designed an internal REST API which enables to automate ESB configuration. This automation is leveraged by the open API program. I was in charge of API design an development. In a second time I moved to a SRE role to deploy this automation in the cloud and setup the operational model. Technogy used: OpenShift, Java, SoapUI

Amadeus Hospitality
07/2016 - 02/2018
Software Engineer

We were working on modules managing hotel segment of Passenger Name Records database. Those modules are part of the Amadeus GDS (Global Distribution System). It aims at connecting travel agent to hoteliers's CRS (Central Reservation System). I designed and implemented new features. I also participated to maintenance activities and on call roster to ensure high service level agreement. Technology used: C++, Python, Oracle

Amadeus Hospitality
09/2014 - 07/2016
Software Engineer

Our team developed the reservation module for the new cloud native Central Reservation System. It is now used by all IHG properties. I was back-end developer and scrum master of the team for 1 year. Technology used: C++, Python, Couchbase.

Amadeus Hospitality
02/2014 - 07/2014
Software Engineer Intern

Study how NoSQL technologies could be used for managing hotel reservations. Technology used: Couchbase and MongoDB.

CEA List
08/2012 - 01/2013
User experience design assistant (Intern)

Design and development of an interactive multimedia system that enables a continuous form of interaction between different sizes of screen with varying modalities of interaction. Technology used: Android, Python and Kinect.

Snecma, Groupe Safran
07/2009 - 07/2009
Factory worker (Intern)

Factory worker on Rafale's engine assembly line

Education

Linköping University
08/2013 - 07/2014
Master of Science Computer Science
GPA 3.9

Shanghai University
02/2012 - 07/2012
Chinese Language teaching program Language and culture

UTC
09/2009 - 06/2014
Ingénieur diplômé de l'UTC spécialité informatique Engineering

Awards

Certified Kubernetes Application Developer (CKAD)
Cloud Native Computing Foundation

Introduction to Global Hospitality Management
edX

Certified Scrum Master
Scrum Alliance

MongoDB for Developers (M101P) and DBAs (M102)
MongoDB University

Publications

NoSQL technologies for hotel bookings
01/2015
Linköping University