

Roland Saikali

SENIOR SOFTWARE ENGINEER

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Experience

Elqano

Tours (France) - Remote

SOFTWARE ENGINEER

Sep 2021 - Present

- Microsoft Teams chatbot solution: elqano connects employees who have questions with those who have answers. It amplifies the collective intelligence, and develops an organic capitalisation of knowledge.
- In this context: Azure DevOps deployment, monitoring and alerting. Quality insurance.

Marlysys

Tours (France) - Remote

SOFTWARE ENGINEER

Mar 2015 - Jul 2019

- Datacenter orchestration software: all the services in the data center as well as the networking components are described in a text file during design time.
- Compiled by Marlysys software it creates a streamlined/reduced to the max virtual environment which allows the user testing, prototyping, automating and controlling both networking and data-center Hardware and Software.
- The final step deploys automatically to the production environment.
- To customers it delivers orchestration tailored to their specific needs: easy to deploy, easy to maintain, absolutely consistent. This allows them to remain focused on their core competencies while at the same time increase efficiency and lower the costs.

PagesJaunes (SOGETI)

Rennes (France)

SYSTEM ENGINEER

Mar 2012 - Feb 2015

- Solocal (PagesJaunes) PVI project (Pack Visibilité Internet) platform hosting more than 100000 professionals websites. In this context: Cassandra NoSQL cluster management, Karaf application servers, Apache web servers, PostgreSQL databases, Varnish cache servers.
- Python/Fabric/Django training sessions.
- Developed an automatic middleware installation and projects deployment via Fabric.
- Jenkins continuous integration (unittests and code quality checks).

PagesJaunes (SOGETI)

Rennes (France)

SEARCH ENGINE APPLICATION MANAGER

Oct 2009 - Feb 2012

- Search Engine application manager at PagesJaunes.fr
- Pertimm Database Accelerator search engine customization and optimisation (queries, search filters, indexing).

PagesJaunes (SOGETI)

Rennes (France)

J2EE LIFERAY SOFTWARE ENGINEER

Jul 2009 - Sep 2009

- Liferay Intranet Improvements.

CNIEG (SOGETI)

Nantes (France)

ETL EXPERT

Jul 2009 - Jul 2009

- CNIEG (Caisse Nationale des Industries Électriques et Gazières).
- GXP/NPP project: Talend Open Studio data migration (Oracle).

BioCoop (SOGETI)

Rennes (France)

J2EE LIFERAY SOFTWARE ENGINEER

Apr 2009 - Jun 2009

- Biocoop Intranet Portal development
- Liferay Portal solution.

CNIEG (SOGETI)

Nantes (France)

ETL EXPERT

Feb 2009 - Mar 2009

- CNIEG (Caisse Nationale des Industries Électriques et Gazières).
- SIROCCO project.
- Talend Open Studio data migration (Oracle).

Generali (SOGETI)

Rennes (France)

JAVA WEB SERVICES ENGINEER

Dec 2008 - Jan 2009

- Java Web Services analysis and development for GENERALI Customers management.

EDF (SOGETI)

Rennes (France)

SOFTWARE ENGINEER

Jul 2008 - Dec 2008

- EDF HappyDAP project.
- Sybase to Oracle migration planning (Oracle WorkBench).
- Java application development.

IRSN (SOGETI)

ETL EXPERT

- IRSN (Institut de Radioprotection et de Sûreté Nucléaire)
- VALTEL/TELERAY data management.
- Talend Open Studio management for nuclear samples data (measure and analysis).

Rennes (France)

Jul 2008 - Dec 2008

Airbus (SOGETI)

PYTHON SOFTWARE ENGINEER

- Airbus Aerocity Project : Generic framework for process and data management.
- Used to coordinate the increased amount of simulations required to reduce the Wind Tunnel costs.
- Data management Python API development.

Toulouse (France)

May 2004 - Jul 2008

Airbus (Transiciel Technologies)

JAVA SOFTWARE ENGINEER

- Airbus JEDM Software Management, part of Aerostation Framework.
- JEDM is a Java application used by engineers in Airbus to prepare, submit and analyze their aerodynamical computations.

Toulouse (France)

Feb 2002 - May 2004

Airbus (CR2A-DI)

VISUAL BASIC SOFTWARE ENGINEER

- Airbus LTS project: LTS is an application used to manage aircraft weights. It is used to generate official aircraft documentation (Load And Trim Sheets and AHM050).
- Visual Basic GUI for database management.

Toulouse (France)

Apr 2000 - Feb 2002

Education

IMERIR

MASTER'S DEGREE IN ENGINEERING

- Institut Méditerranéen d'Etudes et de Recherches en Informatique et Robotique.
- Software, Robotics and Artificial Intelligency Engineer Studies.
- Student Committee (Photographer).

Perpignan (France)

1997 - 2000

Institute Of Technology

BTEC HIGHER NATIONAL DIPLOMA (FRENCH DUT)

- Mechanical degree.
- Robotics specialisation.

Nantes (France)

1995 - 1997

Honors & Awards

2011 **Grand Prix du Jury Rennes Métropole**, City of Rennes

Rennes (France)

1995 **Concours Général des lycées**, Ministère de l'Education Nationale

Tours (France)

Projects

Itinéraires

2010 - 2011

- City of Rennes Open Data application contest.
- itinerennes.info website development.
- Won the first 'Grand Prix du Jury' (15000€ dotation)

RaspberryPi IOT

2010 - Present

- Never ending personal project :-)
- Home automation through RaspberryPi computers.
- Temperature humidity sensors.
- Radio controlled lights and plugs.
- Camera and image analysis (Google Tensorflow machine learning).
- Data management (message queues, time series databases...).

Skills

Programming Python, Java, Javascript

Technologies Flask, Gitlab, CI/CD, ReST APIs, ETL, Databases, Message Queues, Dashboards, Plotting/Charting, YAML, RaspberryPi

Languages French, English