

# Roland Saikali

SENIOR SOFTWARE ENGINEER

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## Experience

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### Elqano

Tours (France) / Remote

DEVOPS AND QUALITY ENGINEER

Sep 2021 - Feb 2022

- 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 automation, monitoring and alerting. Quality insurance.

### Marlysys

Tours (France) / Remote

SOFTWARE ENGINEER

Mar 2015 - Jul 2019

- Infrastructure As Code. 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

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### 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

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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

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### Itinéraires

2010 - 2011

- City of Rennes Open Data application contest.
- itinéraires.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.
- Linky monitoring and prices estimation.
- Temperature humidity sensors.
- Radio controlled lights and plugs.
- Camera and image analysis (Google Tensorflow machine learning).
- Data management (message queues, time series databases...).

## Skills

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**Programming** Python, Javascript

**Technologies** Flask, Gitlab, CI/CD, ReST APIs, ETL, Databases, Message Queues, Dashboards, Plotting/Charting, YAML, RaspberryPi, IoT, 3D modeling and printing

**Languages** French, English