





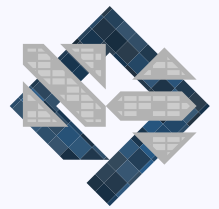


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# ÉRIC NICOLAS

## SOLUTIONS ARCHITECT



## SUMMARY

Analytical tinkerer by nature, I like to constantly challenge myself and experiment with technologies beyond my comfort zone.

I am a detail-oriented problem solver who thinks critically and aims for infallible, simple and reusable solutions: in my experience, the secret often lies in the savvy design of scalable microservices.

## EXPERIENCE

### Solutions Architect at [NCLS Development](#) (freelance entrepreneur)

Dec. 2014 – Present (7 years, 2 months)

Brittany region, France

Designed the entirety of the services that make up an enterprise EHS solution.

[AWS Platform](#) [TypeScript](#) [DevOps](#) [Java](#) [PostgreSQL](#) [CI/CD](#)

### Lead Developer at [Propellerhead](#)

Jul. 2014 – Dec. 2014 (6 months)

Auckland, New Zealand

Lead development and integration of a newer corporate solution with a client's legacy systems.

[Atlassian Suite](#) [JavaScript](#) [AngularJS](#) [ASP.NET MVC](#)

### Software Engineer at [Propellerhead](#)

Dec. 2013 – Jul. 2014 (8 months)

Auckland, New Zealand

Co-designed and implemented the engine responsible for parsing and semantically classifying 160+ years of heterogeneous historical data.

Project [highlighted by the W3C](#)  as a foremost example for their [Data on the Web Best Practices](#)  publication released in 2017.

[AWS Platform](#) [Java](#) [Semantic Web](#) [Atlassian Suite](#) [RDF DBMS](#) [DevOps](#)

### Project Manager at [Gaspard Monge Institute, University of Paris](#)

Sep. 2012 – Mar. 2013 (7 months)

Paris area, France

Lead a team of 5 junior IT engineers implementing a proof-of-concept solution for a research project of the institute.

[Project Management](#) [Java EE](#)

### Solutions Architect at [Safran Aircraft Engines](#)

Oct. 2011 – Sep. 2013 (2 years)

Île-de-France, France

Honoured as part of a creativity initiative for a particular tool I designed, developed, promoted and integrated. Mentored a junior IT engineer from 2011 to 2013.

[Cost-Benefit Analysis](#) [C++](#) [Qt Toolkit](#)

### Software Engineer at [Safran Aircraft Engines](#)

Sep. 2010 – Oct. 2011 (1 year, 1 month)

Île-de-France, France

Primarily interfaced with mathematicians and physicists to develop and implement real-time ports of cutting-edge signal processing algorithms in the demanding context of aircraft and rocket engines.

[C++](#) [Signal Processing](#) [MATLAB](#) [Qt Toolkit](#)

### Assistant Project Manager at [Site Alpha, Planon group](#)







Sep. 2008 – Sep. 2010 (2 years, 1 month)

Noisy-le-Grand area, France

Worked directly with our CEO to elaborate specification documents for the company's new flagship product.

[Business Requirements Docs](#) [VBA](#)


## TOP SKILLS

AWS Platform  Arch. Design  
DevOps  TypeScript  Java  
Documentation  DB Admin.  
Web Dev.  Communication  
Code Quality  Organisation

## EDUCATION

### Engineer's Degree

   in Network Security

Upskilled in the Java language by [Rémi FORAX](#) , major contributor to its expansion.


Awarded with the greatest distinction. Graduated top of my class.

### Licentiate's Degree

   in Computer Science

Awarded with the greatest distinction. Graduated top of my class.




### Bachelor's Degree

 in Applied Physics for Electronics

Awarded with the greatest distinction. Graduated top of my class; top 0.4% nationwide.

## ENDORSEMENTS

### Christian POPESCU

   Senior Software Engineer

Éric showed obvious technical skills and remarkable abstraction capacities.

I trust in his technical and human skills.

### Etienne DURIS

   University Professor

Éric is a hard-working person, tackling all assignments with dedication.

I highly recommend him, he is a team player and would make a great asset to any organization.