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Éric NICOLAS
Solution Architect
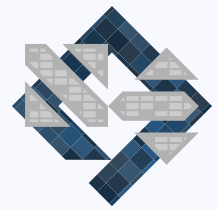
Top Skills ◇◇◇

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.

Endorsments ◇◇◇

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.

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

Solution Architect at NCLS Development [↗]

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

Solution Architect at Snecma, Safran group [↗]

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 Snecma, Safran group [↗]

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)