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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.

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Éric NICOLAS
Solutions Architect

About Me

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

Software Architect at Unite (remote position)
Nov. 2022 – Present (8 months) — Leipzig, Germany

Supporting the complete reinvention of a B2B e-procurement platform grossing 500 million euros a year.

Software Architecture · DevOps · AWS Platform · Java · Spring Framework

Solutions Architect at NCLS Development (freelance entrepreneur)
Dec. 2014 – Present (8 years, 6 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

Software Engineer at Propellerhead
Dec. 2013 – Dec. 2014 (1 year, 1 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
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

Software Engineer at Safran Aircraft Engines
Sep. 2010 – Sep. 2013 (3 years, 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.

Mentored a junior IT engineer from 2011 to 2013.

C++ · Signal Processing · MATLAB · Qt Toolkit

Assistant Project Manager at Site Alpha, Planon group
Sep. 2008 – Sep. 2010 (2 years, 1 month) — Paris area, France

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

Business Requirements Docs · VBA