

# YANN MARCOU

## Full-stack Developer



Montréal  
CANADA



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<https://creativeyann17.github.io>



<https://github.com/creativeyann17>

## SKILLS

### Front-end



React.js | GraphQL | Redux | Saga | Jest |  
Hooks | Bootstrap

### Back-end



Spring-boot | Micronaut | JUnit |  
OpenAPI / Swagger

### Mobile



React Native | Expo | react-native-paper

### Languages



Java | Scala / Spark | JS | HTML / CSS /  
SCSS | C# | C/C++

### Tools



IntelliJ | VSCode | Git | Github | Atlassian  
| npm | maven | Sbt | bash | Postman

### Databases



MongoDB | PostgreSQL | S3 |  
ElasticSearch | Neo4j

### CI / CD / Cloud



KubectI | Minikube | Docker / Compose  
| AWS CLI | OpenShift | Heroku | Google  
Cloud | GitHub Actions

### Embedded



Arduino | Raspberry-pi

### Extra



Tech lead | Shopify | Gimp | Blender |  
Agile methods



## SOCIAL

Twitter



## ABOUT

Hello, my name is Yann, french software developer. Until today I have worked on several personal / professional projects based on various kind of solutions: web, desktop and embedded. I'm currently working abroad at Montreal.

## WORK EXPERIENCE

### Full-stack Developer

at **CHU Saint-Justine (Montréal)** since Mai 2021

**Description:** Development of a wide range type of applications from web to command-line and distributed computation with Spark including a dev-ops part to deploy services in kubernetes.

**Technologies:** React.js, Node.js, Scala / Spark / Sbt, Spring-boot, PicoCLI

**Environment:** GitHub/Actions, Docker/Compose, Kubernetes, S3, ElasticSearch, Keycloak, Postgres, Linux, FHIR

### Full-stack Developer

at **CGI / Facilité (Montréal)** from October 2017 to February 2021

**Context:** CGI from May 2018 to February 2021

**Description:** In continuity of Facilité (full-stack web developer), + tech lead of the dev team, in charge of:

- code review + good practices (clean code)
- conception / analyze of new features
- production releases deployment / support

**Context:** Facilité from October 2017 to May 2018

**Description:** Full-stack web developer for an important Banking company using the best of today's web technologies.

**Technologies:** Java 8 / 11, Spring-boot, JUnit, Docker, OpenShift, Swagger, React.js, GraphQL, JS / TS / HTML / CSS

**Environment:** GitFlow, continuous integration, deployment and support of production env. MacOS, Visual Code, IntelliJ, Agile methods, npm, maven

### Analyst programmer

at **ATOS (Toulouse)** from March 2011 to October 2017

**Context:** January 2016 to October 2017

**Description:** Full stack development of a web application (database, controller, model, view) which centralizes several sources of avionic maintenance reports in order to identify and provide support + prevention for airline companies fleets of aircraft by analyzing trends and relations between failures.

**Technologies:** Play Framework 1.2.7, H2, PostgreSQL, MongoDB, JAVA, JavaScript, SQL, XML, JSON, JQuery 1.x.x, vis.js, Angular 1.x, Bootstrap 3.x

**Environment:** Agile method (Scrum/Sprint), Cytoscape, Eclipse, Gimp, Inkscape

**Context:** During 2015

**Description:** Development and testing of an XML periodic console application validator according to an XSD structure and internal checks. Once validated the model is inserted into database.

**Technologies:** C#, ZeroMQ, XML, XSD, Unit Tests, SQL Server, Visual Studio 2013, DotNET v4

**Context:** March 2011 to December 2014

**Description:** International Projects of R&D avionics maintenance. Development and integration of real-time applications on CPM POSIX / A653. Maintenance and prototyping of real-time applications in avionics simulation software and standalone tools used as script or model editor/validation.


**Technologies:** C/C++, STL, JAVA (J2SE, SWING, APPLET), Neo4J, GCC, GDB, XML, Visual Studio, POSIX, Cygwin, A653, Cytoscape

## EDUCATION

@CreativeYann17 




## Linkedin

yann-marcou-21280267 



## Instagram

yannou17 

2007 - 2010 Master's degree in Engineering at **ENSISA** Mulhouse France

2005 - 2007 DUT (two-year technical degree in technology) Networks and Telecommunications at IUT (university institute of technology) Nancy-Brabois France

2002 - 2005 BAC scientific option engineering sciences at Lycée Marcel-Dassault France

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## HOBBY

