



# Emonides Pierre-Emmanuel

Software/Backend Engineer

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I'm a full stack software engineer, I have 6+ years experience with backend and mobile development. I would like to keep working on Backend/Software development, with languages like C# or Python.

## Experience

- Since March 2020 **Software Engineer, IMC Amsterdam**  
Part of the software engineer team at IMC
- 2018- Feb 2020 **Python Backend, Sanoma Amsterdam** 2 years Full Time  
As **Python3 Developer**. I joined the team in charge of developing all common core services used by Sanoma magazines. First for Sanoma Account Solution, the cross-magazine user database. Then worked on the Dynamic Image Service Provider used by all media owned by Sanoma. Traffic: 2M Image Requested/24h. For a total of 150M Images Stored. I used technologies as **AWS, Terraform, ELK, Python3.6, FastAPI, Pillow, PostgreSQL, MongoDB**.
- 2016-2018 **CTO at 360Boost Paris** 2 years Full Time  
Technical-lead, conception, planning, development and deployment of **C# Android/iOS app, NodeJs Servers**. Management of clusters on **Gcloud, Kubernetes, Ansible**. Team-lead with 4 employees (1500 Users, B2B + B2C). 360Boost is a native IOS/Android app, built with Xamarin.Forms, I did the conception, development on this app. Then I had to lead 2 Interns and 1 employee in the next steps of development. 360Boost is also a B2B solution with a **React WebApp**, I managed one React Developer in the development and deployment. The backend is a NodeJS Rest Server developed with Express. I did all the development steps, from conception to Cluster deployment on Google Cloud using Kubernetes and Ansible
- 2015 **Mobile Consultant, Docaposte Paris** 6 months Full Time  
**Android/Java Developer**. Sent to a major client of Acensi Docapost, I worked on a solution for Digitizing contracts. During this experience I used technologies as **Digital Signatures, SSL**. I had to develop on Java/Tomcat servers, as well as mobile applications on **Java Android**.
- 2014-2015 **Consultant, Acensi Paris, La Défense** 1.5 years Full time  
**C# WPF .Net4.5** development for a Finance Banking software, Eurocaution. I became team-lead for this project (15 developers, 3 teams). Two-week Sprints, daily stand-up meetings, sprint retrospective etc... Then **C# Xamarin** Mobile development on a para-medical application called Triacys. I worked on a custom Android Kernel for BeagleBoard, then Android Tablets. I also developed custom userspace-drivers for devices like blood pressure monitor (2 developers). Agile management method with client review meetings.
- 2012 **C++ developer, Sogeti High Tech Rennes, France** 6 months  
**C++/QT** Developer for a user interface testing solution, I worked with **OpenCV** to detect bad artefacts during tests
- 2010 **Lua GameDeveloper, White Birds Paris, La Défense** 6 months  
Lua Developer for Point-and-click games, Cardboard Castle. Last King of Africa

## Side Projects

2018	<b>Cryptocurrency exchanges arbitrage bot</b> <i>Part of the <b>Python</b> development team. Retrieve the orderbook/tick data of different exchanges through websockets for analytics.</i>	Personal projet
2017-2018	<b>Rentfirst.nl (Co-Founder)</b> <i>Rental housing aggregator for the Amsterdam area. I was the main developer of a <b>NodeJS REST API</b> back-end. I also succesfully implemented an IOS/Android application listing the offers</i>	Startup
2016-2017	<b>Team-Geny Mobile Developer</b> <i>Creating Mobile applications using Xamarin/JavaAndroid</i>	Startup
Since 2014	<b>EpicBacon Main-Developer</b> <i>Main developper of EpicBacon. During my freetime I develop mobile applications and web solutions using <b>Unity3D</b> and <b>Java/AndroidSDK</b>. I also do 3Dmodeling with 3DsMax for 3Dprinting</i>	Personal projet

## Skills

**Daily Usage:** C#, JavaScript/NodeJS, Python  
Mobile Development, Xamarin.Forms/Android, WPF, AWS, Google Cloud  
**Occasionally:** Java, Go, C, C++  
Unity3D, Azure  
**Deployment:** Terraform, Ansible, Kubernetes, Docker, Git Workflow  
**Databases:** MongoDB, ElasticSearch, PostgreSQL, MySql  
**Systems:** Nginx, (Arch)Linux/\*Bsd  
**Misc:** Jira, Mantis, ~~LaTeX~~ LaTeX, Gimp, Photoshop, 3DSMax  
**Certifications:** 70-483 Programming in C#  
**Languages:** French native, English fluent

## Education

2013-2014	<b>Master's degree</b> Computer science Information Technology, Paris Project-oriented pedagogy : around 40 projects achieved alone or within a team.	Epitech European Institute of
2012-2013	<b>Student exchange program</b> Mobile&Game development 계명대학교 Keimyung University, Daegu South Korea	
2009-2012	<b>Bachelor</b> Computer Science Programming and software design Epitech, Rennes	
2006-2009	<b>French Baccalauréat ES.</b> with honors. Fort-de-France Specialization in mathematics	Lycée Schœlcher,

**Activities** Kickboxing, Salsa, 3D Modeling, Drawing, Ski, MotorBike