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#, Python or Go.

Experience

Since 2018	**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** *WebApplication, 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 developped 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 calledTakt Engine. I extended the capabilities of the 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	**Cryptocurrency exchanges arbitrage bot**	Personal projet

*Part of the **Python** development team. Retrieve the orderbook/tick data of different exchanges through websockets for analytics.*

2017-2018	**Rentfirst.nl** (Co-Founder)	Startup

Rental housing aggregator for the Amsterdam area.
*I was the main developer of a **NodeJS REST API** back-end. I also succesfully implemented an IOS/Android application listing the offers*

2016-2017	**Team-Geny** Mobile Developer	Startup

Creating Mobile applications using Xamarin/JavaAndroid

Since 2014	**EpicBacon** Main-Developer	Personal projet

*Main developper of EpicBacon. During my freetime I develop mobile applications and web solutions using **Unity3D** and **Java/AndroidSDK**. I also do 3Dmodeling with 3DsMax for 3Dprinting*

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, Gimp, Photoshop, 3DSMax
Certifications: 70-483 Programming in C#
Languages: French native, English fluent

Education

2013-2014	**Master's degree** Computer science	Epitech European Institute of

Information Technology, Paris
Project-oriented pedagogy : around 40 projects achieved alone or within a team.

2012-2013	**Student exchange program** Mobile&Game development

계명대학교 Keimyung University, Daegu South Korea

2009–2012	**Bachelor** Computer Science Programming and software design

Epitech, Rennes

2006–2009	**French Baccalauréat ES.** with honors.	Lycée Schœlcher,

Fort-de-France
Specialization in mathematics

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