Giuliano Di Pasquale

Jochen-Klepper-Str 7 ● 14469 Potsdam ● +49 151/1833 1258
giuliano@dipasquale.dev

PERSONAL DATA

- Born in Birkenfeld, Germany on 13.02.1990
- German Citizenship
- Living in Potsdam near Berlin, Germany

KNOWLEDGE

- Excellent knowledge of Software Development best practices
- Excellent knowledge of Python, GO, and .NET / C#
- Experience with C, C++, Clojure, JavaScript and Nodejs
- Experience with designing and developing safety relevant software following the DO-178 standards for Aviation and Railway
- Experience with Cloud and Embedded Systems

LANGUAGES

- German native speaker
- English fluent in speech and writing

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Curriculum Vitae

PROFESSIONAL EXPERIENCE

09/2020	**Sennder GmbH (Berlin; Remote)** Senior Software Developer

- Development of GPS tracking services as part of the Senner digital freight forwarding platform.
- Architecture of the GPS microservices and transition from the legacy monolith application.
- Mentoring of junior developers
- Integration of third party visibility platforms like Sixfold, CO3, oPhone and Fourkites

12/2017 - 05/2020	**PaxLife Innovations GmbH (Potsdam)** Head of Software Development

- Software Architecture (Cloud & Embedded) for the open Aircraft Platform AirStack.
- Leading and Mentoring of the development team
- Backend Development (microservices) to FAA and EASA airworthiness standards (DO-178C/ED-12C)
- Requirements Engineering, API and Interface design

08/2016 - 12/2017	**PaxLife GmbH & Co. KG (Potsdam)** Senior Software Developer

- Architecture and Development (Cloud & Embedded) of the PaxLife In-flight entertainment System.
- Guidance and Mentorship for Junior Developers
- Development of a "Flight Simulator" that can simulate different aircrafts over an ARINC 429 Avionics Databus for Testing Purposes.
- Development of Proof of Concept and Demo applications

07/2015 - 03/2016   **Brand.Meister (Düsseldorf)**

Python Developer

- Development of applications for customers and events of the Brand.Meister Agency and Blu Agency Networks
- Development of the MYSTAFFPILOT (mystaffpilot.de) platform in cooperation with the anfema GmbH
- Support for users of the MYSTAFFPILOT platform

02/2014 - 03/2015   **m.i.r. media (Cologne)**

Python Developer

- Implementation of web and mobile applications
- Deployment of web applications
- Server automation and server administration

11/2012 - 07/2013   **Lise GmbH (Cologne)**

C# Developer

- Development of a large web shop for a customer
- Development of a distributed service architecture as a backend of the web application

09/2011 - 08/2012   **Starmeo Betriebs GmbH (Cologne)**

Python Developer

- Planning and development of the Starmeo.com Online Social Media Platform
- Development of an API interface for the Starmeo Android/iPhone app
- Integration of Facebook and twitter in the starmeo.com platform

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APPRENTICESHIP

IT specialist application development

12/2009 - 06/2011	**prosozial GmbH (Koblenz)**
08/2008 - 09/2009	**CompuMaster GmbH (Emmelshausen)**

TECHNOLOGIES

Programming Languages	Python 2.7 & 3, C/C++, GO, C#, VB.Net, JavaScript, Clojure
Message Queues	RabbitMQ, ZeroMQ, Kafka
Database	PostgreSQL, SQLite, MySQL, MSSQL, MongoDB, Redis
Web	Flask, Django, ASP.Net MVC, Knockout.js, jQuery
Operating Systems	Linux, Windows Server, Ubuntu, CentOS, OS X, Android

EDUCATION

10/2019 - 2025	BSc Computing and IT **(Currently Ongoing)**
	Focus on Software Engineering and Management
	The Open University (http://www.open.ac.uk/)

08/2006 – 07/2008	Technical High School Montabaur (Economics and Management)
08/2004 – 07/2006	Regional School Wirges
08/2003 – 07/2004	Regional School Birkenfeld
08/2000 – 07/2003	Gymnasium Birkenfeld
08/1996 – 07/2000	Primary School Birkenfeld

Giuliano Di Pasquale, 14.12.2020