LUIGI CLEMENTE

github.com/Gigitsu ◇ Skype: luigi.clemente.g2

+39 328-540-9008 ◇ luigi.clemente@gsquare.it

EXPERIENCE

AgileLab   October 2020 - Preset
Data Engineer   *Milan*

· Design and development of DataMesh platform for the Enel data warehouse using Dremio, Spark, Springboot with Java, Scala and python

Dottori.it   September 2019 - October 2020
Senior Software Engineer   *Milan*

· Development and maintenance of Dottori.it, a web platform that aims to help people find the best doctor for their needs.
· Desing and development of a microservices architecture using Elixir, Phoenix and Ecto with PostgreSQL.
· Desing and development of services unit tests using ExUnit.
· Services deployment on Kubernetes cluster.

ATS S.p.A.   October 2018 - August 2019
Full Stack Developer — DevOps (as ApuliaSoft external consultant)   *Milan*

· Development of BlinkS platform, a digital marketplace for non performing loans trading. Restful backend written in Scala with AkkaHttp and Angular for the frontend.
· Design and development of rest api and Angular components.
· Design and development of unit test (using ScalaTest, ScalaMock and scala macro).
· Design and development of release and build pipelines using GitLab CI tools.
· Configuration of test and production environment on Azure (Kubernetes, MySQL).
· Application deploy on Kubernetes.
· Securing application using ModSecurity with CRS and custom rules on ingress nginx.

SIA S.p.A.   January 2018 - September 2018
Backend Developer (as ApuliaSoft external consultant)   *Milan*

· Development of the new version of the message broker of PagoPA® system (named "Nodo dei Pagamenti SPC"), a reactive system which uses Scala, scalaxb, Akka and Akka Cluster to handle payments flows between the involved stakeholders and the government.
· Design and development of tests for "Nodo dei Pagamenti SPC" (using Scalatest).
· Design and development of application-based release pipelines with Jenkins.
· Release of application components on OpenShift cluster in test environment.

Exprivia S.p.A.   May 2016 - December 2017
Lead Developer (as ApuliaSoft external consultant)   *Molfetta*

· Design and development of an engine, using TypeScript and Angular2, able to emulate Oracle Forms functionality and therefore run old oracle forms application on modern browsers.
· Maintenance of a tool to convert Oracle Forms save files into JSON/TypeScript format files, using Java and ANTLR.
· Use of git and gitflow to manage the development process.

· Design and development of widgets for the home banking of Banca Mediolanum, using Google Closure lib, D3js and C3js.

ApuliaSoft S.r.l.   October 2015 - August 2019
Senior Developer   *Bari*

· Development of www.dolcidee.it, a web community where people can share recipes and cooking advice, using PHP and Symfony 2.
· Design and development of a Slack bot, written in JavaScript and deployed on Heroku, that help monitoring activities and happiness of the employees through questions made by the bot at the end of every working days.
· Design and development of a tool to optimize the disposition of articles into pallet displays for supermarkets, using TypeScript and Angular2.

My Special Gift S.r.l.s., Startup   April 2013 - May 2014
Full Stack Developer   *Bari*

· Design and development of the My Special Gift platform through which you can create shared gift lists and where your friends can pay a stake through a PayPal account, using HTML, CSS and PHP with Yii.

DigitalCopy S.r.l.   August 2010 - March 2013
Developer   *Altamura (BA)*

· Design and development of a cash register software and a management software for small and medium sized supermarket, using C# .NET 4 with Microsoft WPF, nHibernate with SQLServer and dapper.net with sqlite

TECHNICAL STRENGTHS

Operating Systems	MacOS, Linux, Windows
Main programming languages	Elixir, Scala, Java, TypeScript, C#
Other scripting languages and runtime	Node.js, PHP, Python, R, SQL
Frameworks and libraries	Phoenix, Ecto, Apache Spark, Akka
RDBMS	MySQL, PostgreSQL, SQL Server
NoSQL	MongoDB, Elasticsearch, Redis
Other software	Git, IntelliJ, Vim, VS Code, Kibana
Others	Docker, Jenkins, Microsoft Azure, Kubernetes

EDUCATION

University of Bari "Aldo Moro"   April 2016
BCs in Computer Science, 110/110   *Bari*

Thesis: Applicazioni di Reti Neurali Ricorrenti al PoS-Tagging di Testi

CERTIFICATIONS

The Linux Foundation   2021

· Certified Kubernetes Administrator (License number: LF-c55jbv7gct)

Coursera   2017

· Functional Programming Principles in Scala (License number: 85UUFRQVJ75F)
· Functional Program Design in Scala (License number: BYV4DHVGYYDU)
· Parallel programming (License number: 6BX9A2UTCGAX)

MongoDB University   2014

· M101P MongoDB for Developers

LANGUAGES

Italian   Native speaker
English   Intermediate level, written and spoken