

LUIGI CLEMENTE

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EXPERIENCE

ATS S.p.A.

Full Stack Developer — DevOps

October 2018 - Present

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 implementation of rest api and Angular components.
- Design and implementation of unit test (using ScalaTest, ScalaMock and scala macro).
- Design and implementation 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.

Backend Developer

January 2018 - September 2018

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 implementation of tests for “Nodo dei Pagamenti SPC” (using Scalatest).
- Design and implementation of application-based release pipelines with Jenkins.
- Release of application components on OpenShift cluster in test environment.

Exprivia S.p.A.

Lead Developer

May 2016 - December 2017

Molfetta

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

ApuliaSoft S.r.l.

Senior Developer

October 2015 - Present

Bari

- Development of www.dolcidee.it, a web community where people can share recipes and cooking advice, using PHP and Symfony 2.
- Design and implementation 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 implementation 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

Full Stack Developer

April 2013 - May 2014

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.

Developer

August 2010 - March 2013

Altamura (BA)

- Maintenance of a management software for small and medium sized supermarket, using Microsoft Access and VB6
- Design and development of a cash register software for supermarket, using C# .NET 4 with Microsoft WPF, dapper.net and sqlite
- Design and development of a management software for small and medium sized supermarket, using C# .NET 4 with Microsoft WPF, nHibernate and SQLServer

TECHNICAL STRENGTHS

Operating Systems	Windows, MacOS, Linux
Main programming languages	Java, Scala, JavaScript, TypeScript, C#
Other scripting languages and runtime	Node.js, PHP, Python, Rust, R, SQL, HTML/XML, CSS
Frameworks and libraries	Apache Spark, Akka, Angular JS, D3js, C3js
RDBMS	MySQL, PostgreSQL, SQL Server
NoSQL	MongoDB, Elasticsearch, Redis
Other software	Git, SBT, Eclipse, IntelliJ, Vim
	Visual Studio, Kibana
Others	Docker, Jenkins, Microsoft Azure, Kubernetes

EDUCATION

University of Bari “Aldo Moro”

BCs in Computer Science, 110/110

April 2016

Bari

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

CERTIFICATIONS

Coursera

2017

- Functional Programming Principles in Scala (License number: 85UUFRQVJ75F)
- Functional Program Design in Scala (License number: BYV4DHVGYDYU)
- Parallel programming (License number: 6BX9A2UTCAX)

MongoDB University

2014

- M101P MongoDB for Developers

LANGUAGES

Italian	Native speaker
English	Intermediate level, written and spoken