

Luca Francesca
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Current Occupation

Software Engineer Lead

Whoami

I'm a Software Engineer with a history of delivery of projects in QA, Production, and Mission Critical environments.

With proven experience in scripting, automation creation and coding on Linux based infrastructure, I integrate well in any pre-existing agile team.

What I don't lack is the curiosity to learn and to better myself and the place where I work.

Open to learn from the people around me as well as share my knowledge, all with the goal to reach the target in a fast, cost-effective, precise and complete manner.

History

January 2021 to Now: Software Engineer Lead at Salesforce, Full Remote, Italy

- Development of microservices and tools used to patch of the entire fleet (~125k bare metal hosts) using golang and postgres.

November 2018 to December 2020: Sistem Engineer Lead at Salesforce, Level 1 Atrium A, Sandyford Business Park, Sandyford, Dublin 18, Ireland

- Patching and later development of microservices and tools used to patch of the entire fleet (~125k bare metal hosts) using golang and postgres.

April 2018 to October 2018: Senior Software Engineer at Workday, The Kings Building, 152-155 Church Street, Dublin 7, Ireland

- Support via on on call rotation of production issue. Development of in-house software (Java,Ruby,Go). Management of the Warehouse (Hadoop) used internally by all of the teams in the company.
- Management of Linux (CentOS) systems.
- Migration of internal tools on AWS.

April 2017 to April 2018: DevOps Engineer at McAfee Security, City Gate, Mahon, Building 2000, Cork, Ireland

Automation of tools and procedures for Prod Operations. Support on call for production issues and improvements of infrastructure via the use of scripting and developing in-house tools.

June 2015 to April 2017: DevOps Engineer at Xanadu Consultancy, 2nd Floor, River House, Blackpool Retail Park, Cork, Ireland

- Automating the provisioning of environments and applications (environments pipelines) with the use of Jenkins, Fabric and SaltStack.
- Management of Linux (Ubuntu, CentOS) on a VMware based infrastructure.
- Support of different teams with CI/CD issues.

I was part of the team tasked with automation of all the software we own. With a project started 1 year ago and now ended, I created a system that using Jenkins and custom bash and python scripts, checks when a commit is made on any of our repo and it automatically builds the related component. Afterwards it deploys the software in different environments and does testing before progressing. When the process is done, the component it's released in production. Platform of choice for all of this was Jenkins which I introduced in the company. Orchestrator tool is SaltStack, used because Python is the second language in the company. All the while, I'm also consulting with Infra team on how to provision environments and on my way to automate that. My side projects included: support to Dev teams, improvements of best practices, managing issues on non prod environment.

April 2014 to May 2015: Enterprise Services Engineer at BetVictor, Leanse Place, 50 Town Range, Gibraltar

- Support for middleware and to the VMware team as a part of the Infrastructure.
- Planning of future expansion to infrastructure
- Management of ActiveMQ, Redis and custom tools writing with Groovy, Python and Bash. Was part of the team that was in charge of day-to-day performance of the platform of the company. That included tuning and tweaking software and hardware to have them meet SLAs. Custom scripting was used to automate any and all the repetitive and problematic tasks.

November 2013 to April 2014: ICT Consultant at Aubay Italia S.p.A, Largo la Foppa 2, 20121 Milan, Italy

Working on client site

- (February 2014 – April 2014) Vodafone Italy Production: Microsoft SQL Server Administrator working on Vodafone Italy Production systems and supporting Prod environment.
- (November 2013 – February 2014) Matrix S.p.a.: System Administrator working with networking (Apache, Nginx, DNS), monitoring (Nagios), configuration (Puppet) and scripting (Perl,Python,Bash)

June 2013 to October 2013: Junior System Administrator at ePress Information Services Srl, Via Legioni Romane 43,20147 Milan, Italy

Online Technical Support to EidosMedia Methode worldwide customers (News and Media organisations in Europe, US, India and Australia) on mission critical production environment. Clients included The Washington Post, DowJones, The New York Post, Media News Group, Fairfax Business Media, News Corporation, WAZ Mediengruppe, Medienholding Süd GmbH, Crédit Mutuel, Groupe Centre France, Groupe Figaro, Media24, Seattle Times, EuroInformation, and Financial Times.

Use of Veritas Cluster, NetApp appliance, Versant Object DB, Red Hat servers, Python scripting

November 2012 to June 2013: Integration Consultant for Integration Testing/Validation Department of Vodafone Italy NTT Data Italy (Viale Cassala 14/b, Milan, Italy) working for Sogetel Srl, Via Giunio Antonio Resti, 63, 00143, Rome, Italy

ICT Consultant, assigned to Vodafone Integration Testing/Validation department (QA environment) working with Oracle DB and Win32/64 and *NIX servers and clients.

January 2010 to Today

Independent and on-demand jobs Small projects on local and abroad clients.

Skills

- GNU/Linux (Debian – 20 years, Slackware, Arch Linux Oracle Enterprise Linux, CentOS, Red Hat Enterprise Linux)
- Unix: FreeBSD, OpenBSD
- Windows Client: 3.1 to Windows 10
- Windows Server: 2008 R2
- Networking: ISO/OSI protocols work knowledge.
- Database: MySQL, Oracle, SQLite, Versant, Postgres, MariaDB
- Versioning: Git
- Languages: C, Sed/Awk, Java, Regex, PL/SQL, Bash, Python, Perl, Golang

Education

- Humanistic Studies, 2002 – 2007 at Liceo Classico Benedetto Cairoli, 27029, Vigevano (PV), Italy.

Certifications

- VMware Certified Associate Cloud License 14462567-A065-6408FFDE1AB6

Language skills

- Italian (Native), English, Spanish
- First Certificate in English, University of Cambridge, License 063IT32210054.