

# JUAN MANUEL LÓPEZ VERA



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## SKILLS

Typescript



Linux



ElasticSearch



Python



Docker



AWS



Terraform



Kubernetes



GCP



## EXPERIENCE

### SOFTWARE ENGINEER / WELII



March 2022 – Present



Freelance



Remote

**Tech Stack:** Koa.js, Typescript, Terraform, Linux, AWS

**Company description:** *Welii* is a SaaS Procurement Platform for fast-growing companies. Loved by Finance and IT teams.

**Job description:** My primary responsibility is to develop and maintain the server-side logic and infrastructure of web applications. I play a crucial role in ensuring the smooth and reliable operation of the company's daily ecosystem of applications. Additionally, I handle the implementation and management of infrastructure, including deployment, scaling, and monitoring, using GithubActions, Terraform, Docker, and AWS.

**Working methodology:** AGILE, LEAN

## SOFTWARE ENGINEER / CLOUDKITCHENS FRANCE(CODE CONTROL)

 June 2020 – Present

 Freelance

 Remote

**Tech Stack:** Flask, ETL, Python, Docker, Linux, GCP


**Company description:** *Cloudkitchens* provide infrastructure and software that enables food operators to open delivery-only locations with minimal capital expenditure and time.

**Job description:** As software engineer in Cloudkitchen France I update the current application they have to show incoming and ready orders. This application is focused on performance and allows riders to know when the order is ready to collect. I developed a custom API client to connect with the global Cloudkitchens IT systems, extract the information and it.

**Working methodology:** SCRUM

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## PYTHON INSTRUCTOR / SMARTNINJA

 April 2021 – April 2021

 Freelance

 Remote

**Technologies:** Python, ZOOM

**Company description:** International coding school with 15+ locations in Europe and North America.

**Job description:** Instructor of *Programming for beginners (Python 3)* course

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## SOFTWARE ENGINEER / SMARTLOGIN

 October 2020 – Present

 Freelance

 Remote

**Tech Stack:** SAML, SSO, Python, Web2Py, Apache, MariaDB, Redis, OpenLDAP, Prometheus, Grafana, Docker, Kubernetes, Linux.

**Company description:** *SmartLogin* enables organizations to centralize security and access control to corporate cloud services (Software-as-a-Service) as well as on-premise from any location and device. It is a platform that reinforces security through: real-time session monitoring, and a system of alerts and security policies for users and mobile devices (BYOD, Bring Your Own Device). By relying on this type of device, it is able to control the

login session, thus offering a new generation of multiprotocol access control (SAML, CAS, etc), identity federation and Single-Sign-On (SSO) systems. This eliminates the need to use passwords forever, even allowing the use of Multi-factor Authentication (MFA) for the entire corporate environment: both on-premise and cloud based.

**Job description:** As software engineer in SmartLogin I develop new protocol integrations (like RADIUS or LDAP), functionalities and product improvements (upgrading frontend and backend dependencies, dockerize the application). One of the main tasks is to define updating and upgrading protocols to maintain a stable product as well as to design a new architecture to migrate the platform to micro-services. It involves transforming the current application to be cloud native, split the application in some micro services and develop new ones to adapt it to the new architecture.

**Working methodology:** SCRUM

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## PYTHON EXPERT / TOGGL



October 2020 – Present



Freelance



Remote

**Tech Stack:** Python, Django, Docker

**Company description:** *Toggl* is an international company that helps with the HR tasks, like hiring, tracking employees time or creating a company plan to obtain better results.

**Job description:** As a Python expert I created several Python/Django tests to help to hire the right candidate. Toggle hire tools help companies to find the right candidate for the positions they are looking for to cover. All questions created were added to the Toggl knowledge database; their systems create custom tests to evaluate the candidate's knowledge.

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## FREELANCE REMOTE BACKEND DEVELOPER / JOINUP



February 2020 – September 2020



Freelance



Remote

**Technologies:** Python, Django, Celery, PostgreSQL, Redis, Heroku, Linux.

**Company description:** *Joinup* is a MaaS App for urban mobility where you can order a taxi, book airport transfers, book parking, or enjoy mileage management. The backend is built in Python/Django using Celery for async tasks, postgis for location and Heroku as infrastructure provider. The backend was optimized to improve the app performance obtaining an average response of less than 1 second with a load of 25 rps.

**Job description:** As a backend developer in Joinup I develop new integrations, functionalities, and product improvements, using best practices to maintain the performance. Some of the main tasks I did were to migrate the system to Python3, build custom integrations to launch the app in Belgium, or integrate our system with some Mutua Universal internal tools.

**Working methodology:** SCRUM

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## BACKEND DEVELOPER / GLAMPINGHUB



March 2016 – December 2019



Employee



Seville

**Technologies:** Python, Django, Celery, PostgreSQL, ElasticSearch, RabbitMQ, Docker, Linux, HTML, EmberJS, jQuery, AWS, Nginx.

**Company description:** *GlampingHub* is the main platform to book glampings around the world, offering a beauty experience to the client in order to find the best place to rest and live a unique experience. Also this platform allows the host of these places to manage the property, check and sync calendars with other platforms or make custom offers to the clients.

**Job description:** As a backend developer I work to build from scratch all the system, maintaining it and creating new functionalities. I helped to build the search engine, integrations with payments platforms and migrate from Digitalocean to AWS. Also as a member of the team one of the tasks was to avoid dangerous attacks configuring tools like Cloudflare or upgrading the password policy.

**Working methodology:** SCRUM

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## DEVELOPER / BABEL SI



October 2014 – March 2016



Employee



Seville

**Technologies:** Liferay, Drupal, Wordpress, Alfresco, Zope/Plone, OpenCMS, Java, PHP, JavaScript, Python, HTML, BPMN.

**Company description:** BABEL is a multinational company that provides technological services oriented to support large organizations in their digital transformation process.

**Job description:** As a member of the Content Manager Team I created a lot of websites using different CMS like Drupal or Liferay and helped with different projects defining BPMN using Alfresco as document manager and workflow engine. The working methodology depends on the projects.

**Working methodology:** SCRUM

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## TECH SUPPORT / INTPLUS SL



June 2014 – October 2014



Employee



Seville

**Technologies:** CCTV, Security Systems.

**Company description:** Intplus offers a lot of security products and custom support for the installation of CCTV.

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## INTERN / YACO SISTEMAS



February 2014 – June 2014



Intern



Seville

**Technologies:** OneLogin, PHP, SAML

**Company description:** Yaco Sistemas was a company that provides technological services.

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## EDUCATION

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### IT BACHELOR'S DEGREE

September 2010 – June 2014

University of Seville

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## LANGUAGES

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Spanish: Native

English: Conversational