Javier Vidal Ruano

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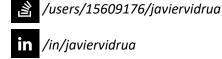/javiervidrua
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Work experience

DevOps Engineer – Scalian · 05/2022 – now

- Professional services provided for ING Bank, within the team in charge of automating processes, deployments and infrastructure management.
- CI/CD pipelines design and implementation using Azure DevOps, Docker, Kubernetes, Openshift, Helm.
- Monitoring, observability & infrastructure management pipelines using Azure DevOps, Ansible, Kubernetes.
- Monitoring with Prometheus, Grafana and alerting with Alertmanager.
- Observability with Elasticsearch, Apache Kafka.
- GNU/Linux systems (RHEL, Ubuntu) administration.
- Nginx servers configuration and deployment. TLS certificates management and automation.
- Microservices & microfrontends design, implementation and management. Python, Django, FastAPI, Oracle SQL, Lit web components, Vue.js, React.js. Also created CI/CD pipelines for those applications.
- OpenAPI 3.0 standard. TDD approach with unit, components and end-to-end testing.
- Scrum methodology, English spoken on a daily basis.
- Version control with Git.

DevOps Engineer – Experis · 10/2021 – 05/2022

- Professional services provided for BASF Technical Services, within a new department in charge of building tools that automate the work of the expert analysts.
- DevOps: CI/CD pipelines implementation and management with GitLab CI, Docker, Kubernetes.
- SOA systems with Azure DevOps, Azure Service Bus, Apache Kafka.
- Web applications full stack development with Vue.js, Vuetify.js, Nuxt.js, Express.js, Node.js, Nginx, PostgreSQL.
- Scrum methodology, TDD approach.
- English spoken daily.

Researcher, developer – ESALab · 02/2021 – 08/2021

- Back end APIs development using Node.js, PM2, Socket.io, MQTT and Heroku for a real-time application.
- Full stack web development with responsive design, using the MEVN stack for a real-time web application. The CTO loved how it came out.
- Implementation of an open specification serial protocol in Python, designing a framework around it to facilitate the interaction with an RFID tag reader via WebSockets.
- ROS development in C++ for Arduino Nano and ESP32 boards. It involved front end development with HTML5, CSS3 and JavaScript, to create a webpage that allows the user to manage the robot in real-time.
- GNU/Linux systems administration.

Curricular internship: Software developer – ESALab · 07/2020 – 10/2020

- Adaptation of a tool to detect and notify the compliance with social distancing rules in pedestrian streets to be deployed on a Jetson TX2. Used TensorFlow in Python3.
- Web application pentesting: Found and fixed several SQL injection and XSS vulnerabilities on LAMP servers.
- Front end development using HTML5, CSS3 and JavaScript to create a webpage to manage barcodes.
- Hosted an Ethical Hacking: Real-life pentesting with HackTheBox, live on Twitch.

Education

University of Salamanca (USAL) · 09/2021 – now

- Computer Engineering Master's Degree. SOA, MDA, IT systems architecture and design, HPC, Deep learning, advanced data visualization.

University of Salamanca (USAL) · 09/2017 – 07/2021

- Computer Engineering Degree. Average grade: 7.54/10 (3.016/4 GPA). End-of-degree project grade: 9/10. Technologies used and learned: C, C++, Python, CI/CD, Ansible, Docker, Java, Junit, Tomcat, Bash, Git, GitHub,

Kanban, JavaScript, Node.js, Express.js, Vue.js, SQL, MongoDB, Postman, HTML5, CSS3, Arduino, TCP/IP, DNS, VLAN, WLAN.

Projects, activities, and awards

- TCUE Market-Driven prototypes contest 2021 award and scholarship program.
- Javiervidrua.github.io: A personal webpage made with Bootstrap and hosted on GitHub pages. Contains a blog made with Jekyll, to which I post articles about the things I learn (sysadmin, DevOps…).
- Netdrop: Airdrop like tool made in Python using P2P technology. Fast and secure. Source code in my GitHub.

Languages

- Spanish: Native
- English: Proficient (B2, 2015)