

David A Loera Olmos

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Education

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| Centro de Enseñanza Técnica Industrial Colomos | Zapopan, Jalisco |
| Software Development Engineer | Jan 2021 – Dec 2024 |
| Conalep Tlaquepaque | San Pedro Tlaquepaque, Jalisco |
| Technical Bachelor in Computer Science | Aug 2016 – Jun 2019 |
| National University Admission Exam (YKS): Ranked 75 th in Mathematics and Science among ca. 2.3 million candidates with a test score of 489.92/500. (Jul 2018) | |

Skills

- Languages:** Python, PHP, C/C++, C#, Java, JavaScript, SQL
- Technologies:** Flask, Django, Laravel, Node.js, Express, MySQL, Git, GitHub, Docker, Google Cloud, AWS
- Methodologies:** Scrum, Functional Programming, DevOps

Experience

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| Azurita Agency | Zapopan, Jalisco |
| Full-Stack Developer | Feb 2022 – Present |
| <ul style="list-style-type: none">As a Server Configuration Specialist, I am responsible for setting up servers from scratch to host PHP, Python, and Node.js applications, along with SQL databases such as SQL Server or MySQL. Leveraging my expertise in bash scripting, I automate various tasks for efficiency and reliability.I specialize in frontend development, crafting user interfaces for web applications using HTML, CSS, JavaScript, JQuery, Bootstrap, and various design frameworks. | |

Projects

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| FlaskyLinux Command Hub GitHub https://davidloera-flask.info/ | Mar 2024 – Present |
| <ul style="list-style-type: none">This project was designed for demonstration purposes, showcasing: basic administration of a 'Linux/Debian 12' server.User and group management, directory and file handling, and server management using 'Python' and 'bash' via the 'root' user.Logging actions in a 'MySQL' database and server resource monitoring.Root user access was intentionally left public to simplify the concept of 'CRUD in BASH'. | |
| Canvolt https://cansvolt.com.mx/ https://sistema.cansvolt.com.mx/ | Aug 2023 – Feb 2024 |
| <ul style="list-style-type: none">This project entails an e-commerce platform and web system designed for an electric scooter workshop.The system facilitates order placement, data entry for repairs, customer invoicing, sends purchase receipts via email, and displays purchasing performance through graphs and statistics.Technologies utilized include PHP, Laravel, Docker, MySQL, Apache, TCPDF, PHP Mailer, JavaScript, jQuery, Ajax, Chart.js, Swal2, Bootstrap, and HTML/CSS.This website receives approximately 300 visits per month, and the system records approximately 43 entries per month for scooters brought into the workshop for repairs, maintenance, etc.Ensure a visually appealing interface, the repository is private due to legal agreements. | |
| Nine Minutes Pizza https://nineminutes.com.mx/ | Oct 2022 – Mar 2023 |
| <ul style="list-style-type: none">Nine Minutes Pizza presents an innovative website and ordering system tailored for its fast-food chain.The project addresses the challenge of reducing reliance on third-party delivery apps like 'Rappi' or 'Didi Food.' Customers can now conveniently place orders directly on the website, opting for in-store pickup or home delivery.Developed with PHP, Laravel, Docker, MySQL, JavaScript, Ajax, Swal2, integrated with Google Maps API and HTML/CSS.When the project was deployed it received approximately 100 orders per week across all branches.Ensure a visually appealing interface, the repository is private due to legal agreements. | |

Languages

- Spanish:** Native proficiency
- English:** Intermediate