Emmanuel Orozco

Lead Software Engineer/ Advocate / Professor

Speaks   ,   &

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Software Engineer Experience

Developer Advocate
Leroy Merlin

January 2023 - Current
- Developed/monitored/matained 3 high-impact internal tools (Tech Radar, InnerSource Portal, Developer Onboarding) resulting in 3 x faster onboarding times for developers
- Conducted monthly Typescript training seminars for 50+ internal developers

Tools: Typescript (Next.js, React.js, Vue.js), Python (Django), Ruby (Rails), Postgres

Tech Lead
Partoo

March 2022 - January 2023
- Led and mentored a team of 3 developers, resulting in a healthy and high performant code base
- Conducted weekly training sessions on Typescript and Python, resulting in 25% bug reduction in code errors
- Conducted technical interviews for new developers
- Led weekekly agile ceremonies (Sprint Planning, Review, Retrospective)

Tools: Typescript (React, Next.js), Python (Django), Postgres

Software Engineer
Trainline

February 2020 - March 2021
- Developed 5+ key features for web applications, resulting in a 20% increase in user engagement and a 15% boost in conversion rates
- Implemented robust monitoring systems for production releases, achieving 99% application uptime and reducing critical incidents by 40%

Tools: Typescript (React, Next.js), Python (Django), Ruby (Rails), Postgres

Software Engineer
Kapten

March 2019 - September 2019
- Designed, developed and monitored high performance microservices.
- Create highly scalable front-end interfaces, following the company's best practices.

Tools: Javascript (React, Node.js), Javascript (Express, Node.js), Databases (MongoDB, Postgres)

Software Engineer Consultant
Crowdbotics

Jun 2018 - Jan 2020
Project: Ready 2 Meet
- Lead 4 developer technical team
- Created dating mobile app using React Native, Redux, and Firebase

Project: Constellation

- Connected React Front-end to Ethereum back-end using w3.js
- Implemented high-quality back-end in Python to handle multiple requests per second

Tools: Javascript (React Native, React), Python (Django), Web3 Dev (Solidity), Ruby (Rails), Postgres

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Web Developer & Tech Lead
Pachuco Digital

Oct 2015 - Nov 2016

Project: Riot Games

- Developed REST API for the World Cup thereby increasing page views by 60%
- Designed HTML client that consumes the API

Project: Aristegui Noticias

- Improved team efficiency with tech architecture and SCRUM Planning working alongside developers and designers
- Implemented the use of a drag and drop builder to enhance the editor's performance

Project: Urtext Online

- Developed and implemented an e-commerce web app thereby increasing online revenue by 45%
- Added unit tests to the current codebase
- Taught responsive design techniques to designers to match the project requirements

Tools: Javascript (React), Ruby (Rails), Postgres

Web Developer
Coco MKT

Feb 2013 - May 2014

- Developed Video CMS from scratch with client requirements
- Designed and developed custom Wordpress Templates

Tools: Javascript (React), Ruby (Rails), Postgres

IT Intern
Teletech México

Jan 2012 - Feb 2013

- Web Apps developer with: Javascript, Ruby, Python
- Development/programming of internal tools used within the company
- Solve technical problems through tech troubleshoot

Software Educator Experience

Front end Dev Faculty Professor
Kibo University

January 2023 - January 2024

- Increased student engagement by 40% through interactive, project-based learning in weekly front-end development classes for 50 university students
- Developed and launched a comprehensive [Front End for Python Developers](#) course, resulting in a 95% completion rate and positive feedback from 50+ students
- Created 10+ educational videos on front-end development, garnering over 10,000 views and reducing student support requests by 30%

Tools: Typescript (Next.js, React)

Lead Teacher Software Engineering

Wild Code School

March 2021 - March 2022

- Delivered comprehensive full-stack software engineering training to a class of 15 students, resulting in a 95% course completion rate
- Produced and published +20 pieces of online content (videos, webinars, articles) on various tech topics, garnering over 10,000 views
- Organized and led 5+ in-person events, introducing the school's methodology to 500+ potential students, resulting in a 30% increase in program applications
- Coached and mentored 5 fellow teachers, improving their technical/soft/pedagogical skills, resulting in a 15% increase in overall student satisfaction as measured by student feedback

Tools: Typescript/Javascript (Next.js, React)

Sr. Teacher & Web Developer
Laboratoria

Jan 2017 - Jun 2018

- Teaching JavaScript at startup dedicated to empowering women in Latin America by teaching them software development
- Organize regular hackathons, meet up and conferences for students
- Collaborating with an international team to improve JavaScript syllabus for a 6-month intensive course
- Conducting daily classes to large groups of over 100 students
- Managing junior JavaScript teachers to improve their technical knowledge and teaching abilities

Conferences given

- Blockchain for front-end engineers - [Eventloop Mexico](#)
- React Native for React Developers [Trainline Tech Summit](#)
- Implementing InnerSource at Leroy Merlin - [Inner Source Summit](#)

Education

UPIICSA IPN
Mexico City

2010 - 2013

- 3 out of 4 years in Computer Science Engineering