

Jorge Perez

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Full Stack Software Engineer experienced in JavaScript and Python.

Skills and Technologies

- Languages: JavaScript, TypeScript, Python, Dart.
- Frontend: React.js, Next.js, Vue.js, Angular, Redux, Flutter, React Native, Bootstrap.
- Backend: Node.js, Flask, Express, Django, GraphQL, REST.
- Databases: PostgreSQL, MySQL, SQLite, MongoDB.
- DevOps: AWS, Docker, Kubernetes, CI/CD (GitLab CI, GitHub Actions), DigitalOcean.
- Tools: Nginx, Storybook, Sentry, Lighthouse, Git, GitHub, GitLab, TDD, Web Performance, Google Play.

Soft Skills

- **Effective Communication:** I take pride in being an attentive listener, placing a high value on respect and tolerance in my interactions. My commitment to continual growth includes a focus on enhancing emotional intelligence, enabling me to better understand others and communicate more effectively in both personal and professional settings.
- **Problem Solving:** I am inherently curious, always eager to expand my knowledge and skill set by embracing new tools and technologies. I thrive on tackling challenges head-on, finding innovative solutions, and actively seeking intellectual stimulation.
- **Initiative:** As a proactive go-getter, I am dedicated to instigating positive change in any endeavor. I thrive on volunteering and readily assume leadership roles, seizing opportunities to be of service to others. I approach challenges with enthusiasm, consistently seeking ways to contribute meaningfully and drive impactful outcomes.

Professional Experience

Full Stack Engineer

FLReader

October 2022 - Today

Self Employed

Created a book reading and translation app that allows users to read and learn foreign languages:

- Designed and developed the frontend application end-to-end using Flutter. The app is currently accessible for download on Google Play.
- Developed the backend of the book reading app using Flask, enabling communication through REST. This implementation facilitated the direct download of DRM-free books to users' phones.
- Implemented a robust SQLite database within the app to efficiently manage books and their metadata. This database architecture contributed to optimized data handling, enhancing the overall performance of the app.
- Integrated the Google Translate API into the app, providing users with translations of books in over 130 languages. This feature significantly enhanced the app's global accessibility and user experience.
- Crafted a sleek and minimalistic landing page using fundamental HTML and CSS.
- Collaborated closely with the marketing team to conduct user research, incorporating valuable insights into the app's functionalities.

Technologies: *Flutter, SQL, Google Play, Flask, Testing, REST, HTML, CSS, Docker, Nginx, Git, Github, Restful APIs, Microservices Architecture, DigitalOcean.*

Frontend Developer

WeCreate

September 2021 - June 2022

Leipzig, Germany

Contributed to the frontend application to create tools that improve government-citizen collaboration :

- Developed a library of reusable React components derived from Figma designs, showcased on Storybook.
- Implemented Server Side Rendering (SSR) using React and NextJS.
- Established robust REST connections between our application and external productivity tools, aligning with business requirements and incorporating valuable customer feedback.
- Collaborated with the backend team to identify and resolve complex connectivity issues, demonstrating a proactive approach to problem-solving.
- Managed the semi-automatic deployment process using Kubernetes, ensuring the efficient and reliable release of application updates.

Technologies: JavaScript, TypeScript, React.js, Redux, Testing, HTML, CSS, Git, Docker, Kubernetes.

Software Developer

Mercado Vargas

January 2021 - June 2021

Barcelona, Spain

Created an eCommerce app for Android:

- Engineered a robust eCommerce application using React Native and Expo.
- Architected the backend infrastructure using Express with Apollo, communicating through GraphQL, and utilizing PostgreSQL for data storage.
- Orchestrated the design and implementation of a sophisticated continuous integration and deployment (CI/CD) system, automating the release process.

Technologies: JavaScript, React Native, Expo, Nodejs, Express, GraphQL, Apollo, Apollo Client, Docker, Git, Gitlab, DigitalOcean.

Software Developer

Various Clients

June 2018 - December 2020

Remote / Freelance

- Managed comprehensive IT solutions for a grassroots political movement, overseeing tasks ranging from infrastructure management to cybersecurity. Implemented strategic technology initiatives that streamlined operations and improved communication, contributing to the movement's organizational efficiency.
- Developed a dynamic website utilizing Django to efficiently manage user registrations.
- Crafted an engaging newspaper website using Django, ensuring a visually appealing and user-centric platform for content consumption.
- Established an e-commerce platform using Magento to facilitate the online sale of hydroponics equipment.
- Designed and implemented a captivating landing page for an American NGO, utilizing WordPress to convey the organization's mission and values.

Technologies: Django, HTML, CSS, Bootstrap, Linux, Git, Gitlab, Docker, MongoDB, WordPress, Magento.

Education

- **Bachelor in Economics and Management**, University of Savoy Mont-Blanc. **September 2012 – July 2016**
- **Software Mastery™ by theSeniorDev** **July 2023**

An 8 weeks program covering professional aspects in software development. Working on production-ready systems gaining proficiency in different topics (Software Design Principles, Microservices Architecture and API Design, CI/CD, Testing).

Languages

- **English, French, Spanish:** Native Proficiency
- **German:** Basic Proficiency