

LYONEL PIERCE

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SUMMARY

In my role as a Full Stack Web Developer, I bring forth a diverse array of technical proficiencies and problem-solving capacities. My expertise shines in the crafting of dynamic and responsive web applications, employing languages like PHP, JavaScript, Python, and Java. I seamlessly integrate these with back-end frameworks including Laravel, Django, and Next.js, while harnessing the potential of front-end frameworks like React and Vue. Furthermore, I bring interactive 3D graphics and animations to life using the power of Three.js.

PROJECTS

- **Inkspire**
AI Tattoo Generator build using React, Next.js, MySQL, Prisma, Tailwind CSS, and Shadcn UI.
<https://inkspireai.com/>
- **Eliza Pierce**
3D E-commerce Jewelry. React, Next.js, React Three Fiber, Postgres, Prisma, Tailwind CSS, and Shadcn UI.
<https://elizapierce.com/>
- **Calificatuprofe**
Professor rating system. React, Next.js, Postgres, Prisma, Tailwind CSS, Shadcn UI.
<https://calificatuprofe.ec/>

EXPERIENCE

Lore Machine – Front-End Developer

08/2023 – Present

- Executed full front-end architecture utilizing React, Next.js, Tailwind CSS, and supplanted antd with Shadcn UI for enhanced modularity and extensibility.
- Implemented Next.js directory reorganization to enable multiple layouts for landing and dashboard pages, improving separation of concerns.
- Integrated 3D visualizations leveraging react-three-fiber, react-three-drei and post-processing for immersive user experiences.
- Implemented global state management for modals and notifications via zustand to enable simplified access across components.

Perfect Destiny – Front-End Developer

10/2021 – 08/2023

- Designed, developed, and maintained responsive website using HTML, CSS, PHP, and Javascript.
- Conducted website performance analysis and implemented optimization techniques, such as page speed optimization, query optimization, and caching, to enhance user experience.
- Developed user-friendly interfaces and components for the website, such as booking forms, calendars, maps, and photo galleries.

Zen3 Infosolutions – Image Analyst

01/2022 – 05/2022

- Trained deep neural networks to recognize objects, features, and patterns in images, achieving high accuracy rates and minimizing false positives and false negatives.
- Conducted data pre-processing and augmentation techniques to enhance the quality and quantity of training data, such as image cropping, resizing, normalization, or data balancing.
- Kept up to date with the latest trends and developments in image recognition and AI, attending conferences, workshops, and online courses to enhance skills and knowledge.

Condor Marketplace – Full Stack Developer

04/2020 – 12/2020

- Contributed to the creation and development of the front-end interface of a dynamic marketplace application using React.
- Contributed to the development of the back-end infrastructure of the marketplace, leveraging Laravel. • Designed, implemented, and maintained RESTful APIs to facilitate efficient communication between the front-end and back-end systems, enabling smooth data exchange and functionality.
- Implemented database models, migrations, and queries, ensuring data integrity and efficient retrieval for a seamless user experience.

EDUCATION

- Full Stack Web Development Bootcamp – Devmountain.
- Three.js Journey – Bruno Simon.
- New York City College of Technology – Brooklyn, New York - Bachelor's degree Communication Design.
- Kingsborough Community College – Brooklyn, New York - Associate degree Graphic Design.

SKILLS

- **Coding Languages:** JavaScript, PHP, Python, Java.
- **Tools:** Git, GitHub, XAMPP, Adobe Photoshop, Illustrator, InDesign, Premiere Pro, After Effects, Blender.
- **Web Technologies:** HTML, CSS, Javascript, Typescript, Laravel, Django, Spring Boot, Vue, React, Next.js, Vite, Three.js, MySQL, PostgreSQL, MongoDB, GraphQL, Prisma, Sanity, Ajax, jQuery, Docker, JSON, API, Wordpress.
- **Languages:** English, Spanish.