

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 and Next.js.
<https://inkspireai.com/>
- **React Product Configurator:**
3D Ring Configurator that allows users to change the gem and colors of a 3D ring. React, R3F, Three.js.
<https://ring-customizer.up.railway.app/>
- **Three.js Personal Portfolio:**
Personal Portfolio based on WebGL, Vite and, Three.js framework.
<https://lyonelpierce.com/>

EXPERIENCE

Perfect Destiny – Web Developer

10/2021 – Present

- Designed, developed, and maintained responsive websites using HTML, CSS, JavaScript, and other front-end technologies.
- Conducted website performance analysis and implemented optimization techniques, such as page speed optimization and caching, to enhance user experience.
- Developed user-friendly interfaces and features for the tour 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, Typescript, Laravel, Django, Spring Boot, Vue, React, Next.js, Vite, Three.js, MySQL, PostgreSQL, MongoDB, GraphQL, Prisma, Wordpress.
- **Languages:** English, Spanish.