

Jessica Palacios

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Technical Skills

Programming Languages – Python 3, JavaScript ES6+, SQL, HTML5, CSS

Front-End – DOM manipulation, WebSockets, React, React Hooks, Redux Toolkit

Back-End – Django 4, PostgreSQL, MongoDB, FastAPI, RabbitMQ

System Design – Microservices, Domain-driven design, Message passing, Event sourcing

Application Development Experience

My Swole Pal – Full-stack Engineer – gitlab.com/myswolepal/my-swole-pal – JavaScript, React, Bootstrap, Redux 2023
Workout planner web application

- Developed a feature-rich workout planning and tracking web application, utilizing FastAPI, PostgreSQL, React, Redux, and Bootstrap for robust functionality and user-friendly design in an agile team environment.
- Leveraged a third-party workout API to enhance the application's exercise selection and tracking capabilities, enabling users to search and select exercises based on different categories such as type, difficulty, and muscle group.

All Your Car Needs – Full-stack Engineer – gitlab.com/jpal8/all-your-car-needs – JavaScript, React, Bootstrap 2023
Application for cars sales and maintenance services

- Created a services microservice to improve maintenance tracking and technician management through integration with the inventory API.
- Enabled the creation and viewing of services, technicians, and service histories by designing and building user-friendly interfaces using the Django framework and React, complete with Bootstrap design.

Conferences – Full-stack Engineer – gitlab.com/jpal8/conferences – Python 3, Django 4, SQL, React, Bootstrap 2023
Application for managing conferences, presentations, and attendance details

- Refactored monolithic architecture into microservices, resulting in improved scalability and enhanced user experience with custom bootstrap front-end development.
- Streamlined development process and improved user experience through the use of Docker for microservice communication, public API integration for real-time data, and RESTful API back-end development.

Professional Experience

Yelp | Elite Client Partner 2019 - 2022

- Achieved a 150% average increase in client revenue through expert customization of marketing solutions and independent development of successful business branding.

Product Designer | Freelance 2019 - 2022

- Successfully led end-to-end processes for mobile and web applications, and developed user-centered platforms through user research, wireframing, prototyping, and testing.

Capital One | Principal Operations Coordinator 2016 - 2018

- Improved accuracy in books and records through inter-departmental training, data controls, and risk-reducing processes, and increased visibility into accounting records through collaboration with Data Scientists and Engineers to create data management reports.

Education

Hack Reactor | Advanced Software Engineering Immersive Certificate 2023

Springboard | UX/UI Design Immersive 2019

The University of Maryland, College Park | B.A. Studio Design – Graphic Design 2015