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Portfolio: marcandy.github.io

PROFESSIONAL EXPERIENCE

Lotnivo | Founder | Remote

07/2020 - Present

- Engineering lead for a small team of engineers to build mobile hybrid applications for businesses
- Arranged system architecture meetings and led discussions on design database schemas and platform technologies
- Organized scrum methodologies such as product planning, task management, and mentorship
- Utilized AWS functions-as-a-service to host time-intensive business logic and processes
- Leveraged the Vuejs composition API to develop scalable and reusable components
- Designed a React Native app communicating with a Python-Flask API based on object-oriented principles
- Technologies: Python, Flask, ORM, PostgreSQL, React Native, AWS Amplify, and Vuejs

Wells Fargo | Senior Software Engineer | Charlotte, NC

05/2019 - 06/2020

- Built data-driven components with Javascript, React, and Node.js
- Constructed a loan application program using functional programming and React hooks to render a dynamic UI populated by server-side data
- Developed an internal management system with secure login authentication and cookies where clients can monitor their documents
- Implemented UI accessibility features and international language support for all web pages, increasing the user base by more than 25%
- Configured end-to-end tests to ensure the quality and reliability of client-facing products
- Technologies: React, Redux-Saga, NodeJS, Jest, Test Cafe, Java, and SpringBoot

JCPenney | Software Engineer | Plano, TX

06/2017 - 05/2019

- Redesigned the [Loyalty UI platform](#) to include interactive animations, modern design patterns, and analytics, improving user experience and increasing interactions by 25%, supporting \$3M+ in revenue in 3 months
- Dismantled a monolithic legacy codebase into a micro-service architecture, distributing server load across multiple hosted instances
- Optimized the performance of load time-intensive web pages by incorporating server-side rendering, reducing initial render of pages by more than 2 seconds
- Encouraged adherence to high engineering standards across the team by maintaining ~90% test coverage
- Refactored web framework components to be more modular, utilizing component-based design advantages for browser performance
- Technologies: Node.js Springboot, AWS, React Jasmine, Mocha, and Chai

PROJECT WORK

Medium Django | Full Stack Developer github.com/Marcandy/python-dances/tree/master/djreact

01/2019

A blogging platform designed to host and share customer articles, utilizing JavaScript, ReactJS, Python, and Django

Crowdfunder | Full Stack Developer | github.com/Marcandy/crowdfunder

01/2017

Streamlined crowdfunding application with an elegant UI, utilizing JavaScript, ReactJS, Redux, PostgreSQL, and Oauth with a reusable Stripe.js component

OPEN SOURCE + HACKATHON

GatsbyJS, React Native Elements, *Open source contributions*

08/2020

Swamphacks VI, *Hackathon*

01/2020