Ricardo de Arruda

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SKILLS

Back-end: Python (Flask Django, Jinja, sqlalchemy) Node.js (Express.js, Jest) Ruby (Ruby on Rails, Capybara, RSpec), Postgresql, MongoDB, Go (Gin, Hugo), Docker, GraphQL.
Front-end: JavaScript (React, Vue, Redux, Jest, jQuery, TypeScript) CSS, SCSS, LESS, CSS Modules , Styled Components
Data Analysis: Python (Pandas, Numpy, Matplotlib, Keras, Jupyter)

PROJECTS

ImmarioKombat   Live Site | Github
Web-based, real-time fighting game. MongoDB, Express, React, and Node, Websockets, PhaserJs.
- Two players able to play against each other at the same time using mobile phone as joystick through websockets via Browser.
- Game engine PhaserJs render as React Component using Web Components to prevent re-rendering.
- Cloud MongoDB for user creation/authentication and scoreboard/stats, all other states saved during websockets session.

GitMonkey   Live Site | Github
Web application version control using Git, built using Ruby on Rails, PostgreSQL and React.
- Users are able to create/delete/update their GIT file tree and display the files and version control metadata on the web.
- Users can create/edit issues/comments on repositories, users can GIT clone/pull/push repository via GIT CLI.
- Ruby on Rails 6 using React as front end and Context/useReducer and React Hook for handling global State and *PostgreSQL for Database.*

ShrugVideo   Live Site | Github
Flask base web app that users can submit their video after watching the last video submitted. Docker, Flask, SQLalchemy
- Displays the last video submitted by the last user(IP), users are only able to submit his video after watching the currently video until the end. Videos shorter than 5 minutes has priority.
- User IP address get via NGINX X-Real-IP header via Flask, save locally on sqlite3 wrapped in ORM *SQLalchemy.*
- Deployed in Alpine:Python:NGINX Linux Docker Image on Azure.

EXPERIENCE

Technical Support/Automation Specialist
Accenture, Bucharest, Romenia. April 2018 - Aug 2019
- Automated solutions for clients business processes in Python/VBA (xlwings library)
- Managing ticketed query system for support clients technical problem using the web applications platform for automotives suppliers
- Support Accenture with programming knowledge as a weekly python courses for managers.

Trainee Python Developer
Wineowine, Rome, Italy. Mar 2016 - Dec 2016
- Back-end python (Flask) development, for local e-commerce platform built on Flask.
- Monitoring system performance and troubleshooting issues
- Ensuring security and efficiency of IT infrastructure

EDUCATION

App Academy - San Francisco, USA An immersive 1000-hour full-stack software development course with focus on full stack web development (autumn 2019)
State University of Londrina Londrina - Londrina, Brazil *BS - Law* (2012)
Pontifical Catholic University of Paraná - **Curitiba, Brazi**l Business Administration (2014)
University of Central Oklahoma - Edmond, USA International Exchange Student (2015)

LANGUAGE

English - Fluent
Portuguese - Fluent
Italian - Intermediary
Spanish - Basic