Radu **Pașparugă**

SOFTWARE ENGINEER

☎ (+40) 759077307 | ✉ radupasparuga25@gmail.com | ⌂ radupasparuga.github.io | ⬡ radupasparuga | ▯ radu-pasparuga

Summary

Hard-working listing programmer with a flair for creating elegant solutions in the least amount of time. As a freelance programmer, created responsive web applications to improve the image and quality of small startups. As an Intern, coded stunning UIs in Vue after Photoshop and Ilustrator designs while also developing the architecture of the company's Rest Api in Node. Active member on stackoverflow.com and Github, always searching for ways to help beginners as well as contributing to open-source. Looking to use my programming skills to help boost code efficiency.

Skills

Programming Languages

JavaScript, Python, C++, Java, HTML, CSS, SQL

Frameworks/Technologies

React, Redux, Vue, Vuex, Vuetify, Node, Express, ES6, Flask, MongoDB, MySQL, PostgreSQL, Axios, Apache, Git, Github, Gitlab, Discord.js, Discord.py

Computer Science Concepts

Rest Api, Async, Recursiveness, Backtracking, Greedy, Dynamic programming, Data Structures, Graphs, Trees, OOP, HTTP, MVC, Factory Method, Chain of responsability, Relational Databases, Non-relational Databases

Soft Skills

Good listener, Adaptable, Problem solver, Conflict management, Leadership, Organizing, Managing Remote teams, Confident, Cooperative, Independent, Patient, Attentive

Experience

Apollo Dae *Remote (HQ in USA, working from home)*

Front-end Developer Intern *Jul. 2018 - Dec. 2018*

- while being an intern for Apollo I was responsible for leading the team of interns into designing and coding a time-tracking application for the full-time workers of Apollo
- turned PSD designs from the UI/UX team to Vue components using ES6, CSS, Vuetify
- main developer of the Node Rest API connected to the Vue front-end. While developing the API I managed to implement multiple features (e.g. jwt authentication, error codes, authentication based access, password reset, data storing inside MongoDB), while fixing common backend problems (callback hell, duplicate users, weak passwords) and keeping it all secure following the latest OWASP practices.
- added Gitlab as a version control system for our project, responsible for accepting/denying pull requests. Added a contribution guide for new interns.
- thoroughly documented our codebase with a clear step-by-step guide of how to run the web application. Created a set of programming rules that uses the latest ES6 syntax, CSS styling rules, Vuex state rules and Commenting rules.
- responsible with projecting the app, setting goals and asigning people to different tasks, based on their skill level and familiarity with the needed task

Self-Employed   *Remote*

FREELANCER   *Oct. 2017 - Jul. 2018*

- responsible for designing websites for startups
- used the latest HTML5, CSS3, ES6 practices resulting in clean, fast and reliable code
- did multiple PSD to HTML projects
- connected with multiple clients located in different time-zones and managed to properly colaborate with them

Education

"Gheorghe Asachi" High School   *Piatra-Neamt, Romania*

                                                    Oct. 2016 - PRESENT

- Leader of the programming club
- Managed multiple student-driven events that resulted in beautifully organized shows

FreeCodeCamp   *Piatra-Neamt, Romania*

FULL-STACK DEVELOPMENT CERTIFICATION   *Feb. 2017 - Nov. 2017*

- Mantained a positive project record
- Learnt how to create basic Rest Apis in Node
- Solidified my responsive design skills by using css flexbox and grid
- Acquired Redux skills to use hand-in-hand with React while creating web applications, resulting in clean, scalable apps

Projects

WorldWideStudents   *React, Redux, Node, Express,*
                                         MongoDB, Axios

A PLATFORM FOR STUDENTS TO MEET OTHER STUDENTS FROM ALL AROUND THE WORLD

- WorldWideStudents is a platform for students to meet other students from different countries. It uses React and Redux on front-end and Node on the Backend. It is still in the developing stage and I work on it as a side project.
- The front-end is split into multiple components, therefore increasing code cleanliness and scalability. Most components require some sort of state management in a way or another (checking if a user is authenticated, displaying certain content for certain users based on settings) and that is handled by Redux's actions and reducers that do GET/POST requests to the backend Api using Axios.
- The back-end consists of a Rest Api coded in Node that uses MongoDB as the primary Database. The api has some basic routes (e.g. login, signup, getUsers) that sends data to the frontend handlers. The backend uses the newest industry-standards when it comes to Api security, it follows the yearly OWASP guide on security and it uses an easy to understand set of rules.

Crypto Trades   *Vue, Vuex, Vue-Router, ccxt, cors*

AN APP THAT SHOWS YOU THE LATEST TRADES IN YOUR PREFFERED CRYPTOCURRENCY

- A Vue Single page application that shows the latest trades in cryptocurrencies. The building blocks are the 3 main components (Exchange, Pair, Trades) that communicate with each other using Vuex.
- Uses Vue Golden-layout to allow the user to move the 3 components(exchange, pair, trades) as he pleases, has the ability to open each component in a different window and can minimize/close chosen components
- CORS-proof

Contact.Py   *Python, Flask, Psycopg2,*
                                                  PostgreSQL

REST API TO HANDLE CONTACT FORMS IN PYTHON

- Api that uses Flask to store Contact data
- Using psycopg2 it handles data from the html form and stores it inside a PostgreSQL database.

Discord Bot   *Javascript, ES6, Discord.js, Youtube*
                                                   Api

MUSIC-PLAYING DISCORD BOT CODED IN JAVASCRIPT USING DISCORD.JS

- Discord bot that play music from the Youtube api
- Able to create playlists of songs, skip, add, delete songs from a queue