OMAR BALDI

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SOFTWARE TECHNICAL SKILLS

Software developer experienced in designing and building full-stack applications specialised in front-end development using the most recent technologies:

- Languages: HTML, CSS (SASS), Javascript (ES6)
- Frameworks: Vue (VueRouter, Vuex), Express (Node Js)
- Databases: MongoDB, Firebase
- API: GraphQL and REST
- Tools: Git & Github, Postman, Chrome Dev Tools
- Design: Sketch, Figma

PERSONAL PORTFOLIO

www.omarbaldi.com

PROFESSIONAL EXPERIENCES

Company: POD1 Srl, Parma (Italy).

Role**: COBOL SOFTWARE DEVELOPER** (2017 - 2019)

External computer consultant for the company "Cedacri Spa".

Technologies Used: COBOL, JCL, EasyTrieve, DB2, SQL, z/Os.

Responsible for:

- technical and functional analysis and realization of banking procedures on operating system z/Os;
- development and maintenance of efficient and reliable batch programs and direct interaction with scripting language JCL;
- testing and verification of the correct program progress with multiple particular cases and documentation of every single test carried out;
- development of COBOL programs that required interfacing at multiple DB2 tables using SQL as the query language;

EXPERIENCES

Project #001

Project Name: GitHub User Finder - GraphQL Visualization Data application

Technologies Used: Vue (VueRouter), Vuetify, Apollo, GraphQL, Github API.

Github link: https://github.com/omarBaldi/githubUserFinder

External link: https://githubuserfinderrr.netlify.app

Description:

- Implemented javascript state management library "Apollo" to manage data with GraphQL;

- Created different GraphQL query to retrieve only the essential data from the server and avoiding unnecessary over-fetching and performance issues;

- Created attractive, clear and responsive UI for displaying data;

- Deployed and hosted on cloud platform Netlify;

Project #002

Project Name: TYPT - Writing application

Technologies Used: Vue (VueRouter, VueX), Vuetify, NodeJs, Express, MongoDB.

Github link: https://github.com/omarBaldi/Typt

External link: https://typt.herokuapp.com

Description:

- Application built around the REST web architecture using Vue JS as the front-end framework and Express as the back-end framework;

- Used Javascript library "axios" to make http requests from the client to the server;

- Developed front-end and backend game logic that updates the user personal data for each challenges and save them in non relational database;

- Implemented authentication middleware "Passport Js" in the backend for the login and register system;

- Deployed and hosted on cloud platform Heroku;

Project #003

Project Name: WikiTree - Web Scraping application

Technologies Used: Vue, Materialize CSS, NodeJs, Express, Puppeteer, GoJs.

Github link: https://github.com/omarBaldi/wikiTree

External link: https://wikipediatree.herokuapp.com

Description:

- Implemented Puppeteer library to scrape the Wikipedia web page from a user input;

- Used the recursion algorithm to retrieve the first five links for each redirect links it encounters;

- Created node graph chart composed of multiple node components which represent the web links from the each web page;

- Deployed and hosted on cloud platform Heroku;

Project #004

Project Name: Covid19-tracker - Chart Visualization Data application

Technologies Used: Vue (VueX), Vuetify, Highcharts, Covid19-API.

Github link: https://github.com/omarBaldi/COVID

External link: https://coviddatatracker.netlify.app

Description:

- Retrieved and stored the essential data from the external API;

- Created different and interactive charts using the library "Highcharts" to show off in a visual way the trend of the people infected, recovered and dead for each country.

- Used and managed VueX for updating data whenever calling the external API and make the charts reactive;

- Deployed and hosted on cloud platform Netlify;

EDUCATION

Economical and Technical Institute "M. Melloni", Parma (Italy), 2009 - 2014

University of the studies of Parma (Computer Science), Parma (Italy), 2014 - 2016