Jose Alejandro Concepción Alvarez

Software Developer

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Summary

Graduated in Automation Engineering.

As a software developer:
- 3 years of experience developing web applications using frameworks such as: **Angular**, **Vue.js** and **React**.
- 2 years of backend developer using **Node.js**, **ExpressJs, MySQL** and **MongoDB**.
- Strong **Javascript** programming skills and efficient algorithms design.
- Proficient in **HTML5** and **CSS** to create user interfaces and good user experience.
- I work with agile development methodologies.

As a university student:
- I have done research in the Robotics fields.
- I participated in the ACM International Collegiate Programming Competition (ICPC).

Skills

Programming languages: *(JavaScript, TypeScript, C++, C, Python, HTML5, CSS3)*

Frameworks: *(Angular, Vue.js, Node.js, React, Ionic, Next.js)*

Databases: *(MySQL, MongoDB)*

Mobile Frameworks: *(Ionic)*

Version Control Systems: *(Git)*

Operating systems: *(Linux, Windows, IOS)*

AWS *(Serverless Api Gateway, Lambda functions, S3, RDS)*

Education

Ph.D in Computer Science, *Gran Sasso Science Institute* ⎘
11/2021 – present | L'Aquila, Italy

Bachelor in Automation Engineering (Single-Cycle, 5 years), *Technological University of Havana (CUJAE)* ⎘
2014 – 2019 | La Habana, Cuba

Professional Experience

React Developer, *BOOZ.cl* ⎘
07/2021 – present
Development and maintenance of an e-commerce platform for the sale of beverages.(https://booz.dev/ ⎘)
Working with next framework, react components development, using react-redux , react hooks and tailwindcss.

JavaScript Developer, *Alegra* ⎘
06/2021 – 09/2021
- Development of serverless microservices with AWS.
- Development of lambda functions in NodeJs environment.
- Integrations with Amazon Web Services such as S3, Aurora RDS, API Gateway, Lambda functions.

Full Stack Developer, *Guajitech* ⎘
2018 – 06/2021 | La Habana, Cuba
Frontend development and backend development using JavaScript frameworks.
- Development of a streaming web application based on Netflix design ⎘ (*techs: Node.js, Angular, MySQL*).
- Development of an ecommerce system with B2B and B2C business models for the Mercedez Benz agency in Cuba ⎘ (*techs: Node.js, Angular, MySQL, MongoDB, Ionic*).
- Development of hotel and events management system for HavanaturSA ⎘ (*techs: Node.js, Angular, Vue.js, MySQL*).

Trained Professor,
Technological University of Havana (CUJAE) ⎘
2019 – 2020 | Habana, Cuba
- I taught 8051 microcontroller programming, its internal architecture, programming in assembly and c language.
- I taught programming with the Matlab tool, solving real-world problems and designing algorithms.

NPM packages development

ngp-image-picker
Angular library based for the selection, edition and compression of images in the browser with png, jpeg, webp formats support. ⬈

react-basic-stepper
The react-basic-stepper provide a two component to recreate a wizard-like workflow by dividing content into logical steps. ⬈

react-hook-modal
A custom modal, with a custom hook for handling modals in React applications. This package allows us to centralize the logic for rendering modal components. ⬈

ngp-material-rating
Angular Library that uses material design icons for editing and showing rating variables. This library was generated with Angular CLI version 13.0.0. ⬈

Certificates

- Front End Libraries (freeCodeCamp) ⬈
- Node.js (HackerRank) ⬈
- JavaScript Algorithms and Data Structures (freeCodeCamp) ⬈
- Angular Certificate (HackerRank) ⬈
- React Certificate (HackerRank) ⬈
- APIs and Microservices (freeCodeCamp) ⬈
- SQL Certificate (HackerRank) ⬈
- Problem Solving Certificate (HackerRank) ⬈
- ICPCID - ICPC - International Collegiate Programming ContestContest ⬈
- Scientific Computing with Python ⬈