

Carlos Villarroel



Software Engineer

Contact

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City: Santa Cruz, Bolivia

Skills



Experience

Full Stack Developer

Dec 2022 - Present

Freelance

- Web Design and prototyping
- Full Stack Javascript development; Vanilla JS, Vue.js, Node.js and MySQL
- Responsive design and development
- Use of version control (Git and GitHub) to build and track projects
- Blockchain Dapp development on the Ethereum blockchain using Solidity
- Test driven development (Jest)

Software Engineer

Jun 2022 - Nov 2022

Trio

- Full Stack Javascript development; Vanilla JS , React, Node.js and Typescript
- React and Typescript used for the Front-end
- NodeJS, Express and Typescript used for the Backend API
- Use of version control (Git and GitHub) to track projects and assigned tasks

Experience

- Maintain and expand on REST API functionality, made with NodeJS, Express and Typescript.
- Test driven development using SOLID development principles
- Use of Docker containers for development
- Use of TypeORM with MySQL for the Databases
- Use of Technical Design Documents (TDD) for the planning of development tasks
- Regular code review of team members' PR's (pull requests)
- Review of team members' TDD's to help clarify proposed approach

Front end Developer

Jul 2021 - May 2022

Freelance

- Web Design and prototyping
- Full Stack Javascript development
- SPA development with Vue.js for the Front-end
- Responsive design and development
- Use of version control (Git and GitHub) to build and track projects
- Test driven development (Mocha and Jasmine)
- AWS Cloud for Web App deployment

Software Technical Support

Jan 2018 - Jun 2021

ESW Capital

- Apply technical troubleshooting techniques to resolve issues for enterprise software customers
- Managing different Knowledge bases and article creation and editing when required.
- Review, update and expand current documentation for processes, tutorials, step by step guides and technical troubleshooting (including front end services and back-end environments)
- Handle incoming support tickets escalated by Level 1 agents
- Work on SaaS services and Cloud environments to replicate and resolve technical issues experienced by a variety of customers across several different software products
- Troubleshooting of front end, UI, cloud services, and networking related issues

Education

Universidad Mayor de San Andres

1999 - 2003

BA, Fine and Studio Arts

Viking Education

2017

Full stack dev, Front End Development ·

Udacity

2020

Nanodegree, AI for Trading