MOISES CRUZ

SOFTWARE ENGINEER

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EDUCATION

MASTER / COMPUTER SCIENCE

La Trobe University, Melbourne

May 2017

TECHNICAL SKILLS

Mongo
Express
React
Node

JavaScript
Webpack
Redux
HTML
CSS
SASS
PostCSS

Git
Jira
AWS

PROFESSIONAL PROFILE

Talented web developer skilled at creating versatile, scalable, and efficient applications that automate important processes and business workflows. Team player, motivated, exposed to, and proficient at, Agile Scrum Project Management. Dedicated to self-learning and continuous development in skills, qualifications, and knowledge, exemplified by recent completion of a Master's in Computer Science at La Trobe University.

EXPERIENCE

SOFTWARE DEVELOPER

MVP Studio / Melbourne / May 2020 – Present

At MVP Studio I am part of the team working in *Talent Project* which is cloud-based recruitment platform that matches employers and job seekers. I have been working in the front-end and back-end. Some of the task are as follows:

Back-end:

- Creating C# in .NET Core Restful API's fetching data from Azure SQL Server Storage and MongoDB Atlas.
- Building reusable and testable code with the best programming practices.
- Implementation of security and data protection.
- Implement automated Unit, integration and E2E testing.
- Create database schemas that represent and support business processes

Front-end:

- Develop new user-facing features using ReactJS and semantic UI
- Making Asynchronous request with AJAX
- Ensure all user input is validated before submitting to the back-end
- Optimize application for maximum speed and scalability
- Translating design and wireframes into high quality code.
- App reviewing and planning of future upgrades with the development team.

SESSIONAL LECTURER / TUTOR

La Trobe University / Melbourne / 2016 – 2018

At La Trobe University I perform two main functions. As a lecturer I am a key part of the new technologies induction, advisory roles towards students concerning industry practices, and cloud computing initiatives. As Tutor, I impart valuable, industry proven knowledge to students across four programs:

- Advanced Object-oriented Programming. I have achieved a 95% success rate among my 2000+ students, passing on the first attempt.
- Mobile and Pervasive Computing.
- Design Software Engineering.
- Algorithms and Data Structures.

EXPERTISE

Logical Thinking

Good Programming Practices

Testable Code

Team Work

Client-needs Focus

Testing and Diagnostics

Agile Methodology to Project Management

ACHIEVEMENTS

INDUSTRY-BASED THESIS

Indoor Positioning System/La Trobe Uni

2017

INDUSTRY PROJECT

UBER-like Application/La Trobe Uni

2017

EXPERIENCE -CONTINUED-

FREELANCER

Freelance / Melbourne / 2019 – Present

In my freelancing career I have developed a portfolio of systems developments in a variety of fields, such as POS, Rental, Loyalty Rewards Systems and Fitness systems. Some achievements:

- Automated a rental company by designing a web-based application that took front-end tasks like real-time orders, reservations, account payments, create receipts and reminders; the backend processes integrated with QuickBooks for taxation.
- Above-mentioned rental system caused the company to grow 40% in two years, by automating most processes.
- Use of modern technologies such React, Node, MongoDB and Express as Back-end to create robust, secured, scalable, modern, high-speed web apps. I took this method to an eCommerce and boosted their loyal customer retention and sales after reconfiguration.

FREELANCER

Freelance / Melbourne / 2019 – Present