MOISES CRUZ

SOFTWARE ENGINEER

0451 541 852
moy_085@hotmail.com
Bundoora, Victoria, 3083
linkedin.com/in/moisesdcruz

EDUCATION

MASTER / COMPUTER SCIENCE

La Trobe University, Melbourne

May 2017

BACH. / COMPUTER SYSTEMS ENGINEERING

Institute of higher Technology

Mexico

May 2008

TECHNICAL SKILLS

.NET FRAMEWORK
.NET Core
C#
LINQ
Entity Framework

DATABASES
MongoDB
SQL Server
SQL Stored Procedures
SQL Query

WEB TECHNOLOGIES
ReactJS;
Semantic UI; Bootstrap
JavaScript; CSS; HTML
JQuery; AJAX
Webpack
Java
NodeJS
ExpressJS
Angular

VERSION CONTROL & AGILE
Bitbucket, Git
Jira

TESTING
Jest
Selenium
Junit
Mockito

OTHER TOOLS
SSH (Putty)

PROFESSIONAL PROFILE

Passionate Software Engineer with experience in web application development, enterprise software and development cycle optimization. High level aptitude in development and project management software. Skilled at creating versatile, scalable and efficient applications that automate important processes and business workflows, enterprise experience, and motivated team player. 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 2019 – 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.

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.

Attending daily local scrum meeting and also scrum meetings across all offices twice a week.

SESSIONAL TUTOR

La Trobe University / Melbourne / 2016 – 2018

At La Trobe University I participate in the induction to new technologies to students concerning industry practices, and cloud computing initiatives. As a sessional tutor, I impart valuable, industry proven knowledge to students across four programs:

- 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.

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

2016

INDUSTRY PROJECT

UBER-like Applicaon/La Trobe Uni

2016

INTERESTS

I am very interested in outdoor activities

such as cycling and Jogging.

I like riding to work because it keeps me

fit and make me feel more productive

throughout the day plus it helps the

environment.

REFEREES

Available on request

EXPERIENCE -CONTINUED-

FREELANCER

Freelance / Melbourne / 2015 – 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. Currently under construction is deliveries logistics; it was developed with MEAN(Mongo DB, ExpressJS, Angular and NodeJS) and third-party APIs.
- Above-mentioned rental system caused the company to grow 40% in two years, by automating most processes.
- Use of modern technologies and frames such Angular as a front-end, and 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.

JAVA DEVELOPER

Telmex / Mexico / 2012 – 2014

At Telmex we designed, implemented and maintained numerous software solutions for clientele, taking part in all phases of the development cycle. Some responsibilities:

- Designing, developing and delivering high-volume applications for critical systems.
- Analyzing user requirements; envisioning system features and functionality.
- Design and develop user interfaces for web-based applications.
- Determine the best tools and technologies to be used for designing and conducting tests.
- Integrate applications; studying and establishing connectivity with search engines, and information servers.
- Design and develop web services with technologies such as OAuth, ReST, JSON, SOAP, XML
- Write well designed, testable, and efficient code
- Hibernate for SQL and ORM technologies
- Support users by developing documentation and assistance tools
- Implemented multi-thread and exception handling, improving app functionality.

APPLICATIONS DEVELOPER

Info-Tech / Mexico / 2008 – 2011

Design and implement web-based applications and automate complex business and work flow processes.

- Used Spring, Hibernate Apache, and Microsoft SQL Server 2000 for most of our tasks.
- Created a tracking system to manage daily activities such as patient set up, appointment scheduling and event tracking.
- Created a data entry system enabling the clinic to collect and manage patient information.