

Ismael DeLuna

Software Engineer Manager



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EDUCATION

M.S. CT Engineering
Management

Missouri University of Science
& Technology

2020 – Present

B.S. Computer Science

University of South Florida

2013 - 2017

SKILLS

Attention to Detail

Leadership

Software Developer

Testing (Hardware/Software)

Agile Methodologies

Process Optimization

Quality Assurance

Budget Management

PROFILE

Highly motivated Software Engineering Manager experienced in Testing Software/Hardware, Agile methodologies and Software Development. Flexible and willing to tackle any challenge. Strives in leadership positions to implement changes and improve processes. Adaptable to any environment and is a quick learner that quickly becomes an invaluable asset to any assigned team or task

EXPERIENCE

Business Operations Manager

MasterCard | August 2020 – Present

- Leads 7 Direct Reports and 7 Contractors in day to day business operations for two major applications (OFN | MCBS) in the Billing Department for: React, Enable, Protect
- Leads the Protect effort by: Collaborating and executing new plan to resolve over 4,000+ vulnerabilities amongst 5 applications, Ensuring server certificates are up-to-date, Leading the effort for consolidating application permissions and PCI Compliance effort
- Leads the Enable effort by: Implementing Jenkins pipelines as needed, Creating Road-map for Future Program Improvements, Splunk/DynaTrace Implementations for Monitoring
- Leads the React effort by: Monitoring day to day operations, Holding Daily Stand-ups for Customer Support Ticket Status'
- Tracks and analyzes metrics to improve team health, capacity, skill levels across platforms
- Monitors and tracks Critical Applications to ensure daily billing efforts are on track and problems solves when issues arise

PRODUCT OWNER / ELECTRONIC SYSTEM DESIGN AND ANALYSIS ENGINEER

Boeing | 2019 – 2020

- Led a team of 12 Software Engineers and Integration/Verification Engineers with overseeing a second team of 5 engineers and 2 Junior Product Owners in a Scaled Agile Environment leading multiple efforts: Cyber Security vulnerabilities, an overhaul in Subsystem Services to meet newly defined requirements, Software Rewrite, Improving Unit Test coverage, Tool Modernization/Migration and Subsystem Integration Testing
- Worked closely with Product Management, Software Engineers, Design/Requirement Engineers and Verification Engineers to re-define ambiguous or non-existent requirements
- Assisted in performing trade studies with Architect and Customers to ensure fair assessment of solutions available to solve software/hardware issues
- Led effort in migrating ClearCase to Git and standing up Jenkins for Automated Builds
- Led an effort to re-define current Workflow Processes for the Programs use of Jira in collaboration with the Architect, RTE and PM's to be more efficient

L a n g u a g e s

C#

C++

Ruby

PERL

Python

C

PRODUCT OWNER / SOFTWARE ENGINEER

The Boeing Company | 2019 – 2020

- Led a team of 8 Software Engineers in incremental software development in a Scaled Agile Environment in charge of DevOps, Code Infrastructure Development/Improvements, Trainer Maintenance/Support and Software/Hardware Integration
- Monitored budget allocation to stay on target with projected estimations ensuring jobs were completed on time and on budget
- Developed an evolving Architectural Roadmap for DevOps and Trainer/Code Improvements
- Implemented Containerization methods (Vagrant) in a VM to improve tool set consistency amongst the program across multiple sites
- Led on-going effort to reduce the complex software build time, currently down to just over an hour from an over 4 hour build time

SOFTWARE ENGINEER / SCRUM MASTER

The Boeing Company | 2017 – 2018

- Generated baseline requirement documentation, test procedures and processes based on current software and customer needs
- Worked with DevOps to print in new modernized tools for CI/CD pipeline such as Jenkins and BitBucket
- Rewrote legacy C/C++/Perl/Ada software into modernized C# application with reworked User Interface's
- Created a customized LALR parser that was cross-platform compatible in C++ to act as an intermediary pseudo-compiler to assist in supporting complicated legacy code to save money by not having an expensive re-write

DESIGN VALIDATION & VERIFICATION ENGINEER

L-3 Communications Security and Detection Systems | 2016 – 2017

- Created detailed test plans, procedures and reports for various systems ranging from full body scanners to luggage scanners utilized at airports and other facilities that required security measures
- Took charge in a critical role identifying and capturing over 100 key business process changes as the company moved towards a new ERP system resulting in the program being on-track for transition
- Generated multiple RCCA reports and presented findings to upper management throughout the investigation when defects arose or inadequate processes were implemented to find new solutions moving forward

AVIATION ELECTRICIAN'S MATE 2nd CLASS

United States Navy | 2008 – 2013

- Served as work-center supervisor for 3 years, supervising up to 14 maintenance personnel in completing day-to day maintenance discrepancies and professionally mentored junior sailors to meet their desired career needs
- As a Collateral Duty Inspector, directed and supervised the maintenance actions of over 1,000 electrical and subsystem discrepancies, ensuring critical assets were returned to mission capable status with an increase in mission completion rate

PROFESSIONAL DEVELOPMENT

Certified SAFe 4.5 Scrum Master
