Hugo Enrique Arganda Salazar

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Summary

Project Manager experienced in leading multidisciplinary teams (up to 14 members), with more than 9 years of experience in the automotive industry. Skilled, innovative, and self-learner. Proficient in C, C++, and Python.

Work Experience

Project Manager • Luxoft
Jul 2018 - Present

- Worked in close liaison with Automotive OEMs, Tier 1, and Tier 2 clients
- Software development in C++ and JavaScript for automotive applications
- Led multidisciplinary teams, with a maximum headcount of 14
- Participated in 6 project bids, maintaining a +80% win rate (5 out of 6)
- Implemented full project life cycle for 5 projects
- Maintained project contribution margin above 30%
- Improved process adherence, reducing lead times by 80%

Senior Software Developer • Luxoft
Apr 2018 - Jul 2018

- Coded in Embedded C for ADAS ECUs (PAM, IPMB)
- Analyzed Functional Safety (ISO 26262) Software Requirements

Embedded Software Developer • Dextra Technologies
Nov 2015 - Apr 2018

- Developed drivers and applications for telematic devices (GSM, GPS, BLE)
- Coded in Embedded C for STM32 MCUs (ARM)
- Acted as Software integrator (git)

Senior Embedded Tester • Dextra Technologies
Jun 2014 - Nov 2015

- Created a proprietary testing framework (Python, Go, MongoDB, REST, JSON, Bootstrap)
- Automated automotive protocols testing (CAN, J1939, J1850, KWP2000, ISO-9141)

System Testing Trainee • Continental Automotive
May 2011 - Feb 2014

- Implemented test automation scripts (Python, NI LabVIEW, and Agilent TestExec)
- Tested Airbag Control Units (ACU) and Seatbelt Reminder (SBR) ECUs

Skills

Programming Languages
C, C++, Python, Go, Javascript, and Bash

Automotive
CAN, UDS, J1939, ISO 15765, RP1210B, DOORS, Vector CANoe, ASPICE, MISRA-C

Embedded systems
ARM, STM32, ST CubeMX, UART, SPI, I2C, BLE, USB HID

Web and Cloud
MySQL, MongoDB, Docker, REST, JSON, HTTP, XML, HTML, Bootstrap, CSS

Project Management
Project life-cycle, Leadership, Cost Control, Time management, Effective communication
Reporting, Scrum (Scrum Master, Product Owner), CMMI.

Certifications

Aug 2020   Leadership Academy - Luxoft
Jun 2019   English Certificate (C2 Proficient) - EF Standard English Test (SET)

Courses

May 2019   PMP®/CAPM® Study group - 1S2019 - PMI Jalisco Chapter
Apr 2019   Agile Projects Management - PMI Jalisco Chapter

Education

Electronics and Communications Engineering
Universidad de Guadalajara (2010 - 2017)

Technologist in Electronics and Communications
CETI Colomos (2005 - 2009)

Languages

Spanish   Native
English   C2 Proficient (EFSET 78/100)