

JOSEPH CABUSAS

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Lead Software Engineer with over 4 years of experience in software development, specializing in system and software design. Proven expertise in leading and implementing software integrations with other systems over message brokers, HTTP/TCP/UDP, and specific port configurations. Skilled in deployment and DevOps practices, including Docker, Kubernetes clusters, and CI/CD pipelines in GitLab. Experienced in coordinating multi-million dollar technological initiatives with cross-functional stakeholders. Adept at leading project teams of 4-10 engineers, ensuring the successful execution of complex enterprise applications and technological events.

SKILLS

- Strong Programming Skills in Python and C++
- Software Development Life Cycle (SDLC)
- Agile Methodologies (Scrum)
- Team Collaboration
- DevOps (CI/CD)
- Microservices Architecture
- Version Control (Git)
- Object-Oriented Programming (OOP)
- Data Infrastructure as Code (IaC)
- Data Analysis and Decision-making.

WORK EXPERIENCE

Technical Lead

Lockheed Martin

Software Engineer and Technical Lead of multiple teams of Software Engineers focusing on the quick-turn R&D software development of Prototype and Demonstrations for software internally developed to support military exercises across the USA.

March 2022 - Present,

MAIN PROGRAMMING LANGUAGES AND TECH USED

- Python, C++, C#, Java, Docker, Development in Linux Environment, VScode as main text editor for writing and reading code (VIM while on deployment environments), Gitlab for version control, AWS Cloud tools.

MAIN RESPONSIBILITIES

- Currently leading R&D projects aimed at modernizing and creating critical military combat systems, utilizing Docker, Python, and GitLab for efficient development and DevOps in a Linux environment. Restructure complex legacy systems into scalable microservices, manage the full lifecycle of projects from requirements to product demonstrations, and ensure high-quality deliverables through comprehensive testing and stakeholder communication

BIGGEST ACCOMPLISHMENT

- Successfully led the software efforts to support an Army military exercise event, significantly increasing our organization's R&D budget from \$2 million to \$6 million over the year, through a two-month preparation period that involved multiple trips across the USA, efficient coordination with other teams, and effective task delegation to my software team.

Real Time Software Engineer

Kapsch TrafficCom North America

Software Engineer at Kapsch TrafficCom NA, specializing in software deployment, hardware network configuration, and automating large-scale deployments in the Tolling Industry, supporting cities across the United States

July 2021 - March 2022,

MAIN PROGRAMMING LANGUAGES AND TECH USED

- C++, Ansible, Docker, Development in Linux Environment, VIM as main text editor for writing and reading code, Gitlab for version control, Data and Log Analysis, Networking (Hardware configuration for comms)

MAIN RESPONSIBILITIES

- Led automation of large deployments using Docker, Python, and Ansible, improving software delivery. Managed software deployments on national highways, enhancing traffic and operational efficiency. Developed and executed tests to ensure high-quality software, and worked with teams to integrate software effectively.

BIGGEST ACCOMPLISHMENT

- Successfully integrated our software and settings onto new hardware for a San Diego customer, solving a high-priority issue through extensive testing, including late-night sessions, showcasing strong problem-solving skills and dedication to customer service.

Software Engineer

ASRC Federal

Software Developer at ASRC Federal Mission Solutions, focusing on the software maintenance and development of AEGIS weapon system for Australian and Korean deployments.

June 2020 - July 2021,

MAIN PROGRAMMING LANGUAGES AND TECH USED

- C++, IBM ClearCase (version control), Development in Linux Environment, VIM as main text editor for writing and reading code

MAIN RESPONSIBILITIES

- Engineered software development and integration for the AEGIS Weapon System, focusing on Command and Decision software for Australian and Korean deployments, utilizing C++ in a Linux environment with ClearCase for version control, and closely collaborated with System Engineering for lab-based testing to ensure requirements compliance.

BIGGEST ACCOMPLISHMENT

- Became highest performing software engineer on my team within one year of joining measured by completing most number of CPRs (Similar to software tickets) compared to teammates supporting Australian and Korean customers.

EDUCATION

B.S. in Computer Engineering

University of San Carlos

October 2012 - April 2018,

Philippines

Cebu City,

OTHER WORK EXPERIENCE & ADDITIONAL INFORMATION

Cabs Equities Automated Trading Solo Project

- Suite of algorithmic trading systems for Forex and Options markets. Our automated solutions leverage advanced algorithms and cutting-edge technology to execute trades with precision.
- Real-time market analysis, intelligent decision-making, and optimized trading strategies.

Spanish Customer Service Rep Ocean Home Health

May 2018 - Feb 2020,

- Managed intake of 80 - 100 calls daily addressing patient concerns, resolving problems and effectively coordinating delivery of medical equipment
- Guided and instructed patients on operation and maintenance of oxygen equipment, CPAP use and troubleshooting of devices.
- Provided comprehensive guidance to patients on of completion medical documentation needed to provide medical equipment (doctors prescriptions, insurance approvals)
- Handle all Spanish patient concerns.

Crew Member McDonalds

June 2010 - July 2012,

- Roles include: Drive-through, Food Runner and Cashier

Additional Information: **Active SECRET Clearance**

Fluent in Spanish