


SUMMARY

Software Engineer with strong skills in C++, Python, and Java development, including object-oriented design, integration, and deployment in cloud environments (AWS). Experienced in unit testing, debugging, and troubleshooting complex multi-threaded systems. Skilled in working with CI/CD tools and Linux environments, with a focus on building robust, mission-critical software solutions.


EXPERIENCE

Software Developer & Cloud Integration Specialist



Dec 2022 – Ongoing

by The Lindemans

 Glendale, AZ


Developed software solutions in C++, Python, and Java

- Designed and implemented algorithms using object-oriented programming in C++, ensuring performance and efficiency
- Developed and maintained robust code with error handling, unit tests (JUnit), and integration tests to ensure system reliability
- Built web services using Spring Boot, integrating with third-party APIs and libraries to enhance functionality

Deployed software in cloud and Linux environments


- Deployed applications to AWS, utilizing best practices for cloud deployment and resource management
- Used scripting languages (JavaScript, Python, Shell) to automate deployment processes and data validation
- Debugged complex, multi-threaded software systems, interpreting logs and troubleshooting errors across components

Information Technology Support Specialist



Jun 2022 – Ongoing

Tolleson Union High School District

 Avondale, AZ


Supported cloud-based software deployments and integration

- Assisted in the deployment and management of software in AWS environments, ensuring operational readiness
- Conducted system testing, debugging, and validation to ensure compliance with mission requirements
- Provided technical support for software integration, maintaining system integrity across deployments

Collaborated within Agile development teams


- Worked as part of an Agile team, participating in sprint planning, code reviews, and continuous integration efforts using GitLab
- Implemented CI/CD pipelines to streamline the software development lifecycle, ensuring rapid and reliable deployments
- Improved software documentation, providing clear guidelines for deployment, debugging, and system maintenance

Mission Technology Specialist



May 2020 – May 2022

The Church of Jesus Christ of Latter-Day Saints

 Syracuse, NY

Developed multi-threaded applications for mission-critical systems


- Built and integrated backend components using C++ and Python, focusing on performance and reliability in distributed environments
- Deployed and maintained software in Linux-based systems, ensuring high availability and adherence to security protocols
- Utilized version control systems (Git) to manage code repositories and track software changes effectively

Enhanced system testing and debugging processes

- Created unit tests and integration tests to validate system functionality and identify potential issues
- Worked on troubleshooting complex software issues, analyzing logs, and implementing fixes across different components
- Collaborated with cross-functional teams to improve system design and deployment processes, ensuring seamless integration


EDUCATION

Bachelor of Science in Technological Entrepreneurship and Management




Expected May 2026

Arizona State University

 Online


Focus on Software Development, Cloud Computing, and Cybersecurity; currently maintaining a 4.0 GPA

Associate of Science in Computer Science



August 2024

Rio Salado College

 Tempe, AZ

Graduated Summa Cum Laude with 3.9 GPA; coursework included C++ Programming, Cloud Development, and System Integration

SKILLS

C++

Python

Java

AWS

Spring Boot

Object-Oriented Design

Unit Testing (JUnit)

Multi-threaded Programming

Linux

Git

CI/CD

Agile Development

Debugging