


SUMMARY


A seasoned software developer with over nine years of experience in enterprise application development, specializing in C++ and Python on Linux and Windows platforms. Expertise in designing, deploying, and maintaining cross-platform software solutions for AI applications, data management, and system-level programming. Proven track record in leading projects and mentoring junior developers while delivering high-quality, scalable software products.

EXPERIENCE

Senior Software Developer

 Jun 2015 – Ongoing

Tolleson Union High School District

 Avondale, AZ


Led design and implementation of cross-platform enterprise software

- Developed complex C++ applications for both Linux and Windows, ensuring cross-platform compatibility.
- Deployed AI-driven solutions, enhancing system intelligence and performance for critical operations.


Managed system updates and performance enhancements

- Debugged, maintained, and updated enterprise software to ensure continuous operation in an evolving technological landscape.
- Implemented automated testing and continuous integration pipelines to enhance software reliability.

Software Developer & Owner

 Dec 2018 – Ongoing

by The Lindemans

 Glendale, AZ


Developed data management systems and AI applications

- Created a scalable data management platform using Python and XML for enhanced real-time data processing.
- Deployed AI algorithms to optimize data handling and reduce system latency by 30%.


Directed cross-functional software teams

- Led project teams in the development of user-facing and backend software, providing technical guidance and ensuring timely delivery of high-quality code.
- Presented technical papers at industry conferences, establishing thought leadership in AI and system-level software.

Mission Technology Specialist

 May 2013 – May 2015

The Church of Jesus Christ of Latter-Day Saints

 Syracuse, NY

Integrated AI solutions into mission-critical systems


- Led deployment of AI-based applications for data management and autonomous systems, ensuring reliability and scalability across platforms.
- Developed robust APIs to enhance system interoperability and reduce response times by 25%.

Optimized performance of cross-platform enterprise applications


- Improved system performance by 40% through advanced C++ code optimizations and resource management techniques.

EDUCATION

Bachelor of Science in Technological Entrepreneurship and Management


 Expected May 2026

Arizona State University


 Online

- 4.0 GPA, specializing in Software Engineering and Artificial Intelligence.

Associate of Science in Computer Science

 August 2024

Rio Salado College

 Tempe, AZ

- Graduated Summa Cum Laude with a 3.9 GPA.

SKILLS

C++ (Linux/Windows)

Python

AI and Machine Learning

XML

Cross-Platform Development

Data Management Systems

Continuous Integration (CI/CD)

Software Architecture

Enterprise Software Development

Leadership and Mentorship

Debugging & Maintenance