ENOCH LINDEMAN

Software Engineer / C++, Python, Cloud Specialist

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in www.linkedin.com/in/enoch-lindeman ● San Diego, CA

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
by The Lindemans

📅 Dec 2022 – Ongoing ● 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
Tolleson Union High School District

📅 Jun 2022 – Ongoing ● 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
The Church of Jesus Christ of Latter-Day Saints

📅 May 2020 – May 2022 ● 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
Arizona State University

📅 Expected May 2026 ● Online

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

Associate of Science in Computer Science
Rio Salado College

📅 August 2024 ● 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