

Zachary Gause

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WORK EXPERIENCE

Cloud DevOps Engineer Apprentice

February 2026 - Present

Level Up In Tech

Remote

- Building hands-on cloud DevOps engineering skills in an intensive 37-week program centered on real-world problem-solving and enterprise tools.
- Design scalable, resilient cloud infrastructure on AWS and Azure.
- Apply Infrastructure as Code (IaC) principles with Terraform to automate and manage cloud resources.
- Containerize applications with Docker for portable, consistent deployments.
- Write Python scripts and perform Linux command-line administration to automate deployment and maintenance tasks.

Clinical Research Data Specialist

June 2023 - September 2026

UC College of Medicine

Cincinnati, OH

- Reviewed patient medical records to locate source documentation for patients enrolled in clinical trials.
- Accurately entered data from electronic medical records or paper research charts into study-specific electronic data capture systems (EDCs).
- Resolved outstanding data queries and issues relating to missing or incomplete source documentation through collaboration with clinical research coordinators and external vendors.
- Led implementation and training of PACS software across employee workstations, reducing image upload times for clinical trials by 98% (from 3 days to 30 minutes) by eliminating the need for physical CD requests.
- Conducted comprehensive audits of multiple clinical trial studies to ensure HIPAA compliance and adherence to protocol requirements and standard operating procedures (SOPs).
- Acted as the primary point of contact for monitoring visits, ensuring monitors had access to records and facilities, and remained available for questions for the duration of a clinical trial monitoring visit.

Cybersecurity Consultant

June 2025 - September 2025

Last Mile Food Rescue

Cincinnati, OH

- Developed a four-tier data classification framework (Public, Internal, Confidential, Restricted) to guide staff handling of volunteer, donor, and financial information.
- Delivered a cybersecurity awareness training to staff covering phishing, smishing, vishing, and other social engineering tactics, along with incident-response procedures.

Python and SQL Data Analyst Trainee

May 2025 - August 2025

The Global Career Accelerator

Remote

- Optimized complex SQL queries to sort, filter, group, and debug large datasets, accelerating data retrieval and ensuring analytical accuracy across multiple data sources.
- Developed end-to-end data pipelines in Python using Pandas and NumPy, reducing processing time and standardizing workflows for reproducible insights.
- Led capstone analysis partnership with The Recording Academy, uncovering user-engagement patterns that drove strategic recommendations for boosting Grammy Awards audience interaction.
- Earned four industry-recognized certifications in Querying Data, Python & Data, Intercultural Skills, and Emotional Intelligence, validating technical expertise and enhancing professional credibility.
- Curated comprehensive portfolio of real-world data projects, showcasing analytical problem-solving skills and technical proficiency to potential employers.
- Applied intercultural communication and bias-management strategies in diverse teams, fostering inclusive collaboration and driving cohesive project outcomes.

Pathology Technician

UC Medical Center

July 2022 - June 2023

Cincinnati, OH

- Prepared laboratory specimens for analysis and testing and routed specimens by type to various staging areas or designated departments.
- Retrieved and delivered samples to clients/hospitals, accurately identified and labeled specimens, and packed and shipped specimens to proper testing facilities.
- Trained and assisted other technicians in using laboratory equipment.
- Assisted with diagnosing medical conditions, determining the cause of death, and providing consultation under the supervision of healthcare practitioners.

Associate Technologist

UC Medical Center

May 2021 - July 2022

Cincinnati, OH

- Operated, maintained, and repaired clinical laboratory equipment within the scope of training including routine preventive maintenance, reagent preparation, calibrations, and safety checks.
- Performed and recorded all quality control procedures. Evaluated the results of quality control and implemented corrective action within the scope of training.
- Offered clerical support duties necessary to ensure the efficient running of the laboratory section, including the processing of add-on requests and handling of phone requests.

VOLUNTEER EXPERIENCE

Food Rescue Delivery Driver

Last Mile Food Rescue

June 2024 - Present

Cincinnati, OH

- Collect and deliver surplus food from local businesses to nonprofit organizations across Cincinnati, helping reduce food waste and address food insecurity in the community.

EDUCATION

University of Cincinnati, CECH

Bachelor of Science, Cybersecurity

Bachelor of Science, Networking

Cincinnati, Ohio

Expected: December 2027

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- GPA: 3.6
- Relevant Coursework: Computer Programming, Computer Networking, Information & Security Assurance, Database Management
- Awards and Honors: Phi Theta Kappa Honor Society

STUDY ABROAD

Study Abroad, Perú

June 2017

- Learned about the various cultures that influenced and shaped Perú, and explored how these influences manifested in Peruvian cuisine.
- Developed Spanish language skills during classes at a local language school, Amauta Language Academy.
- Enhanced adaptability and problem-solving abilities while navigating diverse cultural environments and serving in local communities.

CERTIFICATIONS, SKILLS & INTERESTS

- **Certifications:** Certified in Cybersecurity (CC) - ISC2 (July 2024)
- **Cybersecurity & Networking:** TCP/IP, DNS, DHCP & network security fundamentals | CIA triad, NIST & ISO frameworks | Security monitoring, vulnerability assessment & incident response | Security policy development & regulatory compliance
- **Cloud & DevOps:** AWS | Azure | Terraform (Infrastructure as Code) | Docker
- **Technical:** Python | Bash | SQL | Windows & Linux administration
- **Additional Skills:** Hardware & software troubleshooting | Problem-solving & analytical thinking | Technical communication for non-technical stakeholders
- **Languages & Tools:** Spanish - written (proficient), spoken (intermediate) | Google Drive