

Cody Lippy

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Technical Skills

Languages: Python, Java, Kotlin

Cloud & DevOps: AWS (EC2, S3, Lambda, DynamoDB, API Gateway, Cognito, SNS/SES, IAM, VPC, RDS, CloudWatch), AWS CLI, Serverless Architecture, Cloud Security, IaC concepts

Frameworks & Tools: Git/GitHub, REST APIs, Android (Jetpack Compose), VS Code, Android Studio, Linux (Proxmox, LXC, Docker, networking), AI-assisted development (Claude Code)

Interests: Cloud Engineering, Cybersecurity, Cloud-Native Development

Certifications

AWS Certified Cloud Practitioner (CLF-C02) — Amazon Web Services

March 2026

Education

Quinnipiac University — School of Computing & Engineering, Hamden, CT

Expected: Spring 2028

Bachelor of Science in Software Engineering

GPA: 3.1

Relevant Coursework: Data Structures & Abstraction, Object-Oriented Design, Programming and Problem Solving, Cloud Computing (SER 375/CSC 575), Android Development (SER 210)

Experience

QA Tester Intern — Upptik, Remote

Summer 2026

- Tested employer- and educator-facing features of a web platform across multiple user roles (Educator, School Counselor, Employer), covering input validation, file upload validation, and UI/layout bugs.
- Discovered and reported a stored XSS vulnerability in user-generated post fields during functional testing, then verified the fix after deployment.
- Wrote reproducible bug reports (steps, expected vs. actual, severity) in a shared tracker and communicated findings to the engineering team.

Cashier — Stew Leonard's, Brookfield, CT

November 2022 – Present

Projects

Campus Event Notifier

Class Project — Kotlin, AWS

- Built a full-stack Android app in Kotlin with Jetpack Compose, with a team, that lets students browse and get notified about campus events.
- Designed and deployed a serverless backend on AWS using Lambda, API Gateway, and DynamoDB, exposing REST endpoints consumed by the mobile client.

Class Info Notifier

Personal Project — Python

- Built a Python tool that sends POST requests to retrieve course data from the university's Self Service portal JSON response, polls for open seats, and delivers instant notifications to a personal Telegram bot using the Telegram API.

Fighting Kombat

Class Group Project — Java

- Collaborated with a team to build a 2D fighting game inspired by Mortal Kombat and Brawlhalla using Java and pixel-art graphics.
- Applied Agile development practices with GitHub for sprint planning, collaboration, and version control.