NESSA KODO
DevSecOps Engineer

(720) 206-7234 | nessakodo@gmail.com
[Github](#) | [LinkedIn](#) | [Portfolio](#)

Professional Summary

Security-focused Software Engineer with strengths in full-stack development, DevSecOps, and secure cloud architecture. Experienced in React, Node.js, and AWS with a focus on secure coding, vulnerability management, and adversarial resilience. Pursuing CompTIA Security+ (Fall 2025) and building scalable, resilient systems.

Skills

Languages: Python, JavaScript, TypeScript, Ruby, Bash, PowerShell, SQL, C, C++, Rust
Cybersecurity Tools & Practices: Kaali Linux, Metasploit, Wireshark, Vulnerability Assessment, Penetration Testing, SIEM/SOAR, Incident Response, Secure Coding (OWASP), Network Traffic Analysis
Cloud & DevSecOps: AWS, Docker, Kubernetes
AI & ML Foundations (Learning): Security Automation, Adversarial ML, TensorFlow, scikit-learn
Web Development: React, Angular, Node.js, Ruby on Rails, HTML/CSS, Tailwind
Data & Databases: PostgreSQL, MongoDB
Tools: Git, GitHub, Linux, Agile workflows

Experience

Security Operations Student Worker | UCD Anschutz Medical Campus, Aurora, CO | May 2024 – Present

- Monitor SIEM alerts and support incident response aligned with HIPAA protocols
- Assist in vulnerability scanning and documentation for risk analysis

Founder & Lead Developer | Kodex Studio (Freelance), Denver, CO | Jan 2023 – Present

- Develop secure full-stack apps using React, Node.js, PostgreSQL, and zero-trust principles
- Guide clients in implementing authentication, privacy-first-development, and deployment.

Business Development Manager | PDS Drone, Denver, CO | Jan 2022 – Present

- Manage partner outreach, technical documentation, and communications strategy
- Contribute to secure communication systems with FAA compliance awareness

Officer, AI Student Association | UC Denver, Denver, CO | Feb 2024 – Present

- Coordinate AI security workshops and student-led research discussions
- Mentor peers in ethical AI development and adversarial ML concepts

Education & Training

Bachelor of Arts in Computer Science | University of Colorado Denver, Denver, CO | Expected Dec 2025

- Cybersecurity Systems and Security Certificate (CSSC) - In Progress | CU Denver GPA: 3.4/4.0

Software Engineering Bootcamp | Flatiron School, Denver, CO | Aug – Nov 2022

- Intensive program covering full-stack web development, data structures, and algorithms.

Business Coursework | Leeds School of Business, UC Boulder, Boulder, CO | 2019 – 2022

- Emphasis in Entrepreneurship & Social Innovation – ethical systems, impact design

Certificates

- **Security+ (CompTIA)** | In Progress (Fall 2024)
- **AWS Security Specialty** | In Progress
- **AWS Certified Cloud Practitioner** | In Progress

Relevant Projects

PhishKiller – Phishing Analyzer | [GitHub](#) | [Demo](#)

- Developed a CLI tool to detect phishing attacks using SPF, DMARC, and email header analysis
- Simulates real-world email threats to support user training and security awareness workflows

Cryptiq – Futureproof Messaging | [GitHub](#) | [Demo](#)

- Built an encrypted messaging app using NIST-approved post-quantum cryptography (Kyber, Dilithium)
- Demonstrated 99.95% message integrity and resilience to simulated cryptographic attacks

CareSense – AI Triage System | [GitHub](#) | [Demo](#)

- Designed an NLP-based mental health triage tool focused on ethical, privacy-preserving architecture
Placed 3rd in a healthcare AI hackathon; optimized for secure handling of user data