

# CODY COLE

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[GitHub](https://github.com/colecody27) [LinkedIn](https://linkedin.com/in/cody-cole) [CodyCode.org](https://codycode.org)

## Professional History

<b>Amazon Web Services (AWS), Software Engineer I</b>	<b>Jun 2024 - Sep 2025</b>
<ul style="list-style-type: none"><li>Built and deployed a Java-based Public Key Infrastructure (PKI) microservice to 13+ regions (commercial, pre-production, and AWS Dedicated Cloud) standardizing encryption infrastructure</li><li>Automated rotation of 1K+ TLS certificates with Python for PKI microservice, improving certificate hygiene</li><li>Implemented SOPs for PKI microservice, cleaning 10K+ records across RDS control plane databases</li><li>Managed intern and authored high-level design document for a new <a href="#">RDS API</a> option</li><li>Led incident reviews as part of 24/7 on-call rotation for the AWS RDS Access Control team, responding to high-severity operational security issues to maintain uptime and SLA compliance</li><li>Secured infrastructure by closing ports, hardening 100+ hosts and eliminating unauthorized access risk</li></ul>	
<b>Amazon Web Services (AWS), Software Engineer Intern</b>	<b>Jun 2023 - Aug 2023</b>
<ul style="list-style-type: none"><li>Developed and deployed a new customer-facing <a href="#">API attribute</a> for AWS RDS, enhancing internal automation and improving user experience by replacing static console values with dynamic logic</li><li>Delivered comprehensive test coverage, ensuring seamless release to production with zero regressions</li></ul>	
<b>Naval Air Warfare Center Weapons Division (NAWCWD), Intern</b>	<b>Jun 2022 - Aug 2022</b>
<ul style="list-style-type: none"><li>Programmed a field programmable gate array (FPGA) exploiting SystemVerilog to control a tunable bandpass filter allowing frequencies between 11-20 GHz to be received and transmitted</li></ul>	
<b>Securities and Exchange Commission (SEC), Intern</b>	<b>Sep 2021 - Nov 2021</b>
<ul style="list-style-type: none"><li>Refactored legacy SAS ETL pipeline into Python to ingest and aggregate 100K+ records of market-level short sale data for weekly regulatory reporting</li></ul>	
<b>U.S. Army, Sergeant</b>	<b>Jul 2015 - Oct 2018</b>
<ul style="list-style-type: none"><li>Coordinated joint ground and air operations by delivering timely and accurate targeting data</li></ul>	

## Projects

<b>Plansly.co</b>	<b>(Python, Flask, MongoDB)</b>
<ul style="list-style-type: none"><li>Collaborative planning platform using S3, WebSockets and Auth0, enabling real-time plan updates, instant messaging, activity voting, and payment tracking for multi-user events</li><li>Multi-service architecture separating frontend, backend APIs, cloud storage and authentication services</li></ul>	
<b>Telem</b>	<b>(Python, Flask, AWS)</b>
<ul style="list-style-type: none"><li>Backend telemetry platform to ingest, store, and analyze real-time or file-based sensor data</li><li>Contains CLI for seamless streaming of serial data and performing backend CRUD operations over HTTPS</li></ul>	
<b>Candor</b>	<b>(Javascript, Svelte, Firebase)</b>
<ul style="list-style-type: none"><li>Web app to track applications, interviews, and resumes through a transparent platform</li></ul>	

## Technical Skills

**Languages:** Python, Java, Javascript, SQL, R  
**Web Dev:** Flask, Svelte, OAuth, REST APIs, Tailwind  
**Databases:** RDS, S3, DynamoDB, MongoDB, PostgreSQL  
**Tools:** Git, Github, Linux, CI/CD, Postman, Boto3

## Certifications

Top Secret Clearance	2026
Secret Clearance	2018
Basic Leaders Course	2018
Joint Fires Observer Course	2016

## Education

California State University, Fullerton · Computer Science, (BS)	<b>May 2024</b>
Santa Barbara City College · Computer Science, (AS)	<b>May 2022</b>

## Awards and Honors

Army Achievement Medal · National Defense Service Medal · Global War On Terrorism Service Medal · Korea Defense Service Medal · Non Commissioned Officer Professional Development Ribbon · Army Service Ribbon · Overseas Service Ribbon · Certificate of Achievement