

# Hunter Evans

615-924-9366 | hunter2501@gmail.com | <https://www.linkedin.com/in/hunter-evans-505b141b5> | [github.com/hunter2501](https://github.com/hunter2501)

## EDUCATION

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### Tennessee Technological University - College of Engineering

BS, Computer Science

May 2024

COMPTIA Security + Certificate

May 2024

AWS Cloud Practitioner

May 2025

## EXPERIENCE

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### SAIC - Cookeville, TN

May 2023 – Present

Software Engineer – Cloud Migration Team

Repository Backups:

- Tasked with creating a repository backup system to handle daily, weekly, monthly, and yearly backups.
- Applied **Ansible** and **Terraform** scripts to automate creation of **AWS S3** buckets to store repositories.
- Scripts ran on an automated schedule by leveraging **Jenkins IAC** and handled creation and deletion.

Hazelcast File Transfer System:

- Client migration required usage of **Hazelcast** to handle file transfer between on-premises and cloud system.
- Developed file transfer system with **Java** and **Nifi** to connect to Hazelcast and handle multiple file sizes.
- System was later used to handle the movement of all client files between their servers and the cloud.

Weblogic Domain App:

- Assigned the work of creating **IAC** to replicate **Oracle Weblogic Domain** creation and refactor underlying **Perl** source code to strip out database connections and update with new RDS connections.
- Utilized **AWS** services (**EC2**, **S3**, **RDS**) to help host Weblogic and refactored Perl source code.
- Refactored code and domain were successfully able to process all orders and tickets they received.

### Mountain Barn Builders - Cookeville, TN

August 2022 – August 2023

Web Developer

- Companies blog site was outdated and required a lot of manual work to create new blogs.
- Constructed a new, more user-friendly blog system with **Javascript**, **HTML**, **CSS**, and **Classic ASP**.

### Tennessee Technological University - Cookeville, TN

January 2023 – May 2023

Head Teaching Assistant (TA) – Object Oriented Programming and Design

- Managed over **70 students across two classes**. Led discussion and teaching sessions three days a week.
- Coordinated with professor and other staff members to handle grading, and lesson planning each week.

## PROJECTS

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Rust Compiler in Rust:

- Created **Lexer** and **Parser** to process strings and convert items into lexemes and abstract syntax trees.
- Designed **Regex** to read rust input character by character and create pattern recognition.

Git Recreation:

- Recreated **Git** with **Python**, including init, add, commit, push, pull, and clone.
- Implemented **SHA1** hashing to handle **Blob** and **Tree** creation to form a content addressable file system.

Django Websites:

- Developed with **Python** and **PostgreSQL** running on a **Docker** container created a heat map of carbon emission data for each country, grabbed from **Kaggle** data set.
- Leveraged **Django** models to build a basic messaging app with user creation, login, and logout.

## TECHNICAL SKILLS

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**Advanced:** Python, Java, Rust, Git, Docker, AWS Services, Artifactory, NumPy, Pandas, Terraform, Jenkins, HTML, CSS, Bootstrap, Ansible, Bash

**Familiar:** Javascript, SQL, Linux, Tensorflow, Keras, Kaggle, Podman, Maven, C, C#