

Hunter Evans

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EDUCATION/ CERTIFICATES:

TN Technological University - College of Engineering

May 2024

BS, Computer Science

Security + Certificate

May 2024

AWS Cloud Practitioner

May 2025

EXPERIENCE:

SAIC - Cookeville, TN

May 2023 – Present

Software Engineer – Cloud Migration Team

Repo Backups:

- Created system in **AWS** using **Cron Jobs** to create daily, weekly, monthly and yearly repo backups.
- Separated the repos into their basic .git file structure before naming and pushing to **AWS S3** buckets.
- Using **Ansible** and **Terraform**, created a IAC to implement AWS S3 bucket backups.

Hazelcast File Transfer System:

- Connected **Hazelcast** to handle stream processing of client files.
- Used **Java** code to read in files and process files based on byte size which would correlate to a specific transfer rate.
- Added **Nifi** to create different flow controls between different **EC2's** depending on sender.

Weblogic Domain App:

- Migrated **Weblogic** domain from on-prem to **AWS Cloud**, using **AWS EC2**, **AWS RDS** and **AWS S3**
- Setup up **Jenkins** IAC to automate the creation and **FMW Infrastructure** downloads on domain.
- Refactored **Perl** code to handle AWS transfers to S3 and RDS instead of independent **SFTP**.

Mountain Barn Builders - Cookeville, TN

August 2022 – August 2023

Web Developer

- Using **Javascript**, **HTML**, **CSS** and **Classic ASP**, created updates to company site.
- Created blog post tool to facilitate ease of use when updating company blog.

Tennessee Technological University - Cookeville, TN

January 2023 – May 2023

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

- Managed over **70 students across 2 classes**. Led discussion and teaching sessions 3 days a week.
- Coordinated with professor and other staff members to handle grading, and lesson planning each week.

PROJECTS:

Rust Compiler in Rust:

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

Git Recreation:

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

Django Websites:

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

TECHNICAL SKILLS:

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

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