Brandon Kuffner

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TECHNICAL SKILLS

Languages: Python, JavaScript, PowerShell, Rust
Development: Git, Terraform, Docker, Linux, React, Ticketing Systems, CI/CD
Security: Hyper-V, Cryptography, Firewall Configuration, Incident Response
AWS: Lambda, IAM, RDS, DynamoDB, CloudWatch, ECS, Route53

EXPERIENCE

Operations Engineer — September 2024 – January 2025
Amazon — *Tempe, AZ*
- Created an internal centralized script management system using AWS Lambda, API Gateway, and S3, streamlining script deployment and maintenance.
- Designed and deployed a Python-based automation solution to extract, parse, and upload data from 20 websites, eliminating manual entry and saving $1.4M annually in labor costs.
- Diagnosed and resolved technical issues using SIM ticketing from stakeholders, ensuring operational continuity.
- Developed and implemented Python scripts using AWS Lambda and SES to automate repetitive email tasks, improving efficiency and reducing manual workload.

Transportation Specialist III — April 2024 - September 2024
Amazon — *Tempe, AZ*
- Enhanced operational metrics by implementing JavaScript-based Scripts to automate data gathering.
- Performed in-depth logistics data analysis to uncover trends, provide actionable insights, and develop process optimization strategies
- Consolidated multi-source data in Excel, ensuring accuracy in weather data reports.

E-commerce Grocery Specialist — October 2020 – April 2024
Walmart — *Phoenix, AZ*
- Provided exceptional customer service by addressing inquiries and resolving issues promptly, ensuring a positive shopping experience.

PROJECTS

AWS Cloud Resume Challenge | *Python, Lambda, S3, DynamoDB, JavaScript*
- Built a responsive website with HTML, CSS, and JavaScript, integrating AWS for scalability and security.
- Used Lambda and DynamoDB to enable real-time updates for a dynamic visitor counter.
- Automated CI/CD workflows using GitHub Actions, streamlining deployment.

100 Days of Python | *Python, VSCode, Docker, React*
- Utilized Pandas and Python file-handling techniques to automate workflows and analyze large datasets, as demonstrated in projects like Mail Merger and the U.S. State Guessing Game.
- Gained hands-on experience with GitHub for version control, Docker for containerization, and VSCode for efficient development practices.
- Tackled coding challenges and implemented algorithms in projects like Hangman and Caesar Cipher, reinforcing problem-solving skills and logical reasoning.

Event-Driven Data Processing System | *SNS, SES, EventBridge, Lambda*
- Designed an event-driven architecture for automated data processing and notifications, ensuring scalability and reliability.
- Utilized EventBridge to trigger AWS Lambda functions for efficient data workflows and real-time notifications via SNS.
- Developed a user-friendly web interface for file uploads, integrated with API Gateway to securely transfer files to an S3 bucket for processing.

EDUCATION & CERTIFICATIONS

Wilmington University — Wilmington, Delaware
*Bachelor of Science in **Cybersecurity*** — *2025*
Certifications
- **AWS Certified Cloud Practitioner — AWS Solutions Architect - Associate**