

STEFAN DAVIS

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OBJECTIVE

Aspiring Cloud Engineer with hands-on experience in automation, Python, and cloud technologies. Currently pursuing AWS Cloud Practitioner certification to refine expertise in scalable solutions. Seeking an opportunity to apply problem-solving and technical skills in a growth-driven team.

EDUCATION

Bachelor of Science, Information Technology

May 2027

Florida International University (FIU); Miami, Florida

GPA: 3.92

TECHNICAL & RESEARCH SKILLS

- Programming: Python, Java
- Operating Systems: Linux (Ubuntu, Kali), Windows
- Cloud & DevOps: AWS (Lambda, Step Functions, DynamoDB), Terraform, Docker, Kubernetes
- Virtualization: VMware, VirtualBox
- Automation & Testing: Selenium, Pytest, Postman
- Development Tools: GitHub, Git, Jenkins
- IT Support: Hardware/software troubleshooting
- Certifications: AWS Cloud Practitioner (in progress)

EXPERIENCE

Junior Systems Administrator (Part-Time) – Eight Twelve Consulting LLC, West Palm Beach, FL

March 2025 – Present

- Manage and maintain Windows, Linux, and AWS-based systems to ensure high availability and performance.
- Provide Tier 1 technical support for user issues, including system errors, software bugs, and basic code troubleshooting.
- Monitor system performance, troubleshoot issues, and help implement solutions to maintain a secure and efficient IT environment.
- Work alongside senior IT staff on infrastructure maintenance
- Assist in deploying virtual machines using VMware and VirtualBox; support cloud-based tasks in AWS.

PROJECTS

Python Trading Bot | Miami, Florida

January 2024

- Conceptualized, designed and built an automated trading bot in Python to analyze market; improved efficiency and accuracy by 10-20% compared to manual trading
- Developed trading bot's backend functionality including data collection, algorithm implementation, and trade execution
- Conducted testing and optimized algorithms using demo accounts to simulate real market scenarios

Order Fulfillment & Tracking System | Miami, Florida

May 2025

- Developed an automated order tracking system using Python, REST API, AWS Lambda, Step Functions, and Docker to optimize shipping workflows
- Integrated the tracking-numbers library for accurate carrier identification and tracking validation, reducing processing time by 80%
- Designed and implemented CI/CD pipelines using GitHub Actions and Jenkins for seamless deployment, cutting deployment time by 83%
- Streamlined order fulfillment processes by leveraging serverless architecture, enhancing scalability and efficiency

ACTIVITIES AND LEADERSHIP

- FIU Honors College Member
- picoCTF Capture the Flag Games with Kali Linux