

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: 3.67

TECHNICAL SKILLS

- Programming: Python, Java
- IT Support: L2 troubleshooting and debugging
- Cloud & DevOps: AWS, Terraform, Docker, Kubernetes
- Automation & Testing: Selenium, Pytest, Postman
- Development & CI/CD: GitHub Actions, Jenkins, Git
- Certifications: AWS Cloud Practitioner (in progress)
- Agile Methodologies: Scrum, Kanban, Azure DevOps, iterative workflows
- Infrastructure & Virtualization: VMware, VirtualBox, Windows Server, Linux (Ubuntu, Kali)

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 2 technical support for escalated user issues, including system errors, software bugs, and code debugging
- 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

AI Forex Trading Bot (Python, RL) | Miami, Florida

January 2025

- Developed a PPO-based trading bot using Stable-Baselines3 with OpenAI Gymnasium, featuring custom neural networks and reward shaping for trend-following strategies
- Integrated TensorFlow and PyTorch for deep-learning model development, processing 10+ years of historical market data.
- Built an autonomous GPU-accelerated neural network with DirectML, that outperforms manual trading in speed and efficiency
- Automated economic calendar updates using yfinance for real-time decision-making.

Order Fulfillment & Tracking System (Python) | Miami, Florida**May 2025**

- Built a serverless order tracking system using AWS Lambda, Terraform, Step Functions, Docker, reducing processing time by 70%.
- Implemented CI/CD pipelines with GitHub Actions & Jenkins, decreasing deployment time by 83%.
- Designed scalable REST API integrations for seamless order fulfillment and shipment tracking.

ACTIVITIES AND LEADERSHIP

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