

STEFAAN DAVIS

sdavi238@fiu.edu ~ (904) 258-5866 ~ <https://stefodan21.github.io/>

OBJECTIVE

Objective Information Technology student at Florida International University pursuing cloud and backend engineering roles. Experienced in building robust infrastructure, secure APIs, and automated deployment workflows. Eager to contribute to agile teams focused on scalable solutions and platform reliability.

EDUCATION

Bachelor of Science, Information Technology

May 2026

Florida International University (FIU); Miami, Florida

- Honors College Member

TECHNICAL SKILLS

- Programming Languages: Python, Java, Bash
- IT Support: L2 troubleshooting and debugging
- Cloud & DevOps: AWS (Lambda, Step Functions, DynamoDB, S3, IAM), Terraform, Docker, Kubernetes
- Automation & Testing: Selenium, Pytest, Postman
- Networking Basics: TCP/IP, DNS, VPNs, subnetting, routing
- Development & CI/CD: GitHub Actions, Jenkins, Git, YAML
- Certifications: AWS Cloud Practitioner (in progress)
- Agile Methodologies: Scrum, Kanban, Azure DevOps, iterative workflows
- Databases: DynamoDB, MongoDB, PostgreSQL, Redis
- Infrastructure & Virtualization: VMware, VirtualBox, Windows Server, Linux (Ubuntu, Kali)
- Data Science & Analysis: NumPy, Pandas, scikit-learn, Tableau (basic dashboarding)

EXPERIENCE

Junior Systems Administrator (Part-Time) – Eight Twelve Consulting LLC

West Palm Beach, FL | *March 2025 – Present*

- Managed Windows, Linux, and AWS-based systems to ensure high availability, scalable solutions, and optimized performance.
- Provided Tier 2 technical support for cloud technologies, system errors, software bugs, and debugging automation workflows.
- Monitored system performance and troubleshooted infrastructure issues to maintain a secure, efficient cloud environment.
- Collaborated with senior IT staff on cloud-based infrastructure maintenance and security best practices.
- Provisioned virtual machines with VMware, VirtualBox, and AWS, enabling automated cloud scalability.

PROJECTS

Order Fulfillment & Tracking System (Python, Terraform, YAML) | Miami, Florida

May 2025

- Improved order processing efficiency by developing a serverless tracking system using AWS Lambda, Terraform, Step Functions, and Docker, reducing processing time by 70%.
- Streamlined deployment workflows by implementing CI/CD pipelines with GitHub Actions, decreasing deployment

time by 83%.

- Designed scalable REST API integrations to enhance seamless order fulfillment and shipment tracking, ensuring reliable data flow across systems.

Portfolio Website – Cloud-Integrated Personal Branding Platform | Miami, Florida

May 2025

- Designed and deployed an end-to-end portfolio site using React, TypeScript, and Astro, showcasing engineering projects, and interactive components.
- Implemented automated CI/CD pipelines with GitHub Actions for streamlined deployment and version control.
- Emphasized modular UI architecture, responsive design, and accessibility standards to deliver a polished user experience.
- Demonstrated proficiency in cloud-first development workflows and frontend engineering best practices.

ACTIVITIES AND LEADERSHIP

- Peer Mentor, AWS Cloud Projects & Terraform Best Practices
- Active contributor on GitHub for DevOps and ML projects