# STEFAAN DAVIS

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## OBJECTIVE

Information Technology student with hands-on experience in cloud-native architecture, distributed systems, and microservices. Skilled in automating CI/CD pipelines and deploying serverless computing solutions using AWS, Azure, and GCP. Committed to building resilient, scalable backend services and driving impact through technical ownership and secure infrastructure.

## EDUCATION

**Florida International University (FIU)**                                                                     **May 2026**
*Bachelor of Science, Information Technology*
- **Achievements:** Honors College Member

## EXPERIENCE

**Eight Twelve Consulting LLC**                                                             **Mar 2025 - Present**
*Junior Systems Administrator*                                                                *West Palm Beach, FL*
- Managed Windows, Linux, and AWS-based systems to ensure high availability, scalable infrastructure, and optimized performance across cloud-native environments.
- Provided Tier 3 support for cloud-native systems, resolving automation failures and infrastructure issues across distributed environments. Supported CI/CD, RBAC, and incident response to ensure secure, scalable operations.
- Provisioned EC2 instances using custom AMIs and automated deployments with Terraform, aligning with Infrastructure as Code (IaC) and CI/CD workflows.
- Configured VPCs with subnet CIDR blocks, route tables, NAT gateways, internet gateways, and security groups to enable secure, segmented cloud architecture.
- Collaborated with senior IT staff on cloud-based infrastructure maintenance, performance monitoring, and security best practices to support scalable engineering targets.

## PROJECTS

**Order Fulfillment & Tracking System (Python, Terraform, YAML)**                    **Miami, Florida  August 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 via **GitOps workflows** with GitHub Actions, reducing 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 a **cloud-integrated portfolio site** using React, TypeScript, and Astro to showcase engineering projects and modular components.
- Implemented automated CI/CD pipelines with GitHub Actions for streamlined deployment and version control, and rollback readiness.
- Demonstrated proficiency in cloud-first development workflows and frontend engineering best practices.

## TECHNICAL SKILLS

- **Programming Languages:** Python, Java, Bash, NodeJS
- **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 Solutions Associate
- **Agile Methodologies:** Scrum, Kanban, Azure DevOps, iterative workflows
- **Databases:** DynamoDB, MongoDB, PostgreSQL, Redis
- **Infrastructure & Virtualization:** VMware, VirtualBox, Windows Server, Linux (Ubuntu, RHEL)
- **Web Servers & Streaming:** Apache, Apache Kafka, React
- **Soft Skills:** Curiosity, hustle, pride in quality, love for learning, adaptability, cross-functional collaboration, resilience under pressure

## ACTIVITIES AND LEADERSHIP

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