STEFAAN DAVIS

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CERTIFICATIONS

AWS Certified Solutions Architect – Associate (in progress)   **Expected: October 2025**

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.
- Integrated Google Analytics and Microsoft Clarity to monitor user behavior, engagement metrics, and heatmap insights for iterative UX refinement

TECHNICAL SKILLS

- C **Frontend Development**: HTML, CSS, JavaScript, TypeScript, ASTRO, React, Tailwind CSS, Next.js
- **UI/UX & Accessibility**: Figma, Adobe XD, WCAG compliance, ARIA roles, responsive design principles
- **Backend & APIs**: Node.js, Express.js, RESTful APIs, GraphQL, gRPC, Python (Flask), Java (Spring Boot)
- **Databases**: MongoDB, PostgreSQL, Redis, DynamoDB
- **Cloud & DevOps**: AWS (Lambda, Step Functions, S3, IAM), Terraform, Docker, Kubernetes
- **CI/CD & Automation**: GitHub Actions, Jenkins, YAML, Selenium, Pytest, Postman
- **Version Control & Collaboration**: Git, GitHub Projects, Git CLI, Azure DevOps, Jira
- **Infrastructure & Virtualization**: VMware, VirtualBox, Windows Server, Linux (Ubuntu, Kali)
- **Networking Basics**: TCP/IP, DNS, VPNs, subnetting, routing
- **Web Servers & Streaming**: Apache, Nginx, Apache Kafka
- **Soft Skills**: Curiosity, Hustle, Pride in quality, Love for learning, Direct communication, Iterative mindset

ACTIVITIES AND LEADERSHIP

- Active contributor on GitHub for DevOps and ML projects