STEFAAN DAVIS

linkedin.com/in/stefaan-davis-4b6a32186/
| stefaandavis21@outlook.com | stefodan21.github.io

CERTIFICATIONS

AWS Certified Solutions Architect – Associate   **2025**

EDUCATION

Florida International University (FIU)   **May 2027**
Bachelor of Science, Information Technology
- **Achievements:** Honors College Member

EXPERIENCE

Eight Twelve Consulting LLC   **Mar 2025 - Present**
Software Engineer   *Miami, FL*
- Provided Tier 3 support for cloud-native systems, resolving automation failures and infrastructure issues across distributed environments.
- Managed Windows, Linux, and AWS-based systems to ensure high availability, secure operations, and scalable infrastructure.
- Maintained and optimized internal websites built with TypeScript and JavaScript, ensuring responsive design, accessibility, and performance across browsers.
- Developed web tools using React and Flask to streamline monitoring, ticketing, and deployment workflows, integrating RESTful APIs with OAuth 2.0.
- Provisioned EC2 instances with custom AMIs and automated deployments using Terraform, aligning with Infrastructure as Code (IaC) and CI/CD workflows.

PROJECTS

Order Fulfillment & Tracking System (Python, Terraform, YAML)   **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 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   **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

- **Programming Languages:** Python, Java, Bash, NodeJS
- **Frontend Development:** HTML, CSS, JavaScript, TypeScript, ASTRO, React, Next.js
- **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:** Git, GitHub Actions, Jenkins, YAML, Pytest, Postman
- **Infrastructure & Virtualization:** VMware, Windows Server, Linux (Ubuntu, RHEL)
- **Networking Basics:** TCP/IP, DNS, VPNs, subnetting, routing
- **Web Servers & Streaming:** Apache, Nginx, Apache Kafka

ACTIVITIES AND LEADERSHIP

- Active contributor on GitHub for DevOps and ML projects