

STEFAAN DAVIS

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EDUCATION

Florida International University (FIU)

May 2027

Bachelor of Science, Information Technology

- **Achievements:** Honors College Member, NSBE member

CERTIFICATIONS

AWS Certified Solutions Architect – Associate

TECHNICAL SKILLS

- **Programming Languages:** Python (Adv), Java (Int), JavaScript (Adv), Bash (Int), HTML/CSS (Adv), PHP
- **Databases:** MongoDB, PostgreSQL, MySQL, Redis, DynamoDB
- **Cloud development:** AWS, Terraform, Docker
- **Backend & APIs:** RESTful APIs, GraphQL, Flask, Express.js
- **CI/CD & Automation:** Git, GitHub Actions, Jenkins
- **Operating Systems & Virtualization:** Linux (Ubuntu, RHEL), Windows Server (Active Directory)
- **Networking:** TCP/IP, DNS, VPNs, Subnetting, Routing
- **Web Servers:** Apache, Nginx

EXPERIENCE

Eight Twelve Consulting LLC

Mar 2025 - Present

Software Engineer

Miami, FL

- Provided Tier 3 support for cloud-native systems, resolving performance issues across Windows, Linux, and AWS.
- Engineered scalable internal tools with React, Flask, and JavaScript, improving monitoring, ticketing, and deployment workflows with responsive design.
- Automated cloud provisioning and CI/CD pipelines using custom EC2 AMIs and Terraform, following IaC principles for reliability and maintainability.

Handshake AI

Oct 2025 - Present

AI Trainer Fellow

Remote

- Optimized workflows and clarified requirements for reproducible, measurable outcomes
- Built reference guides (lookup tables, cheat sheets, decision trees) to streamline technical and project tasks.
- Applied troubleshooting and workflow analysis to optimize clarity and efficiency in AI-driven projects.
- Strengthening communication and teaching skills through example-driven support and systematic documentation.

PROJECTS

[Event-Driven Serverless Order Lifecycle Management System \(Python, Flask, Terraform\)](#)

- 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%.
- Built scalable REST APIs for order fulfillment and shipment tracking, ensuring reliable cross-system data flow.

[Fullstack Web App for Form Handling & Database Integration \(PHP, HTML, MySQL, Apache\)](#)

- Developed and deployed a web app on Apache using PHP/MySQL, for efficient form handling and database operations.
- Designed intuitive UIs with HTML, applying GOMS principles for optimal user interaction.
- Achieved 80% fewer data entry errors and manual interventions, demonstrating robust, user-centered CRUD workflows.