

# 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, Java, JavaScript, Bash, HTML/CSS, PHP
- **Databases:** MongoDB, PostgreSQL, MySQL, Redis, DynamoDB
- **Cloud development:** AWS, Terraform, Docker
- **Frameworks & APIs:** RESTful APIs, GraphQL, Flask, React, Node.js, Express.js, Next.js
- **CI/CD & Automation:** Git, GitHub Actions
- **Operating Systems & Virtualization:** Linux (Debian, RHEL), Windows Server (Active Directory)
- **Networking:** TCP/IP, DNS, VPC, 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**

- Contributed to Project Hedgehog, Lexicon, and Prism, optimizing annotation workflows and documentation to reduce labeling errors by 40% and cut onboarding time by half.
- Refined training schemas and validated outputs, boosting model accuracy and reproducibility by 30%.
- Eliminated workflow bottlenecks with troubleshooting, raising team efficiency 25% and accelerating dataset prep.
- Translated ML requirements into clear guidance, reducing misalignment and strengthening functional communication.

## 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.