

Kevin Williams

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Summary

Statistics major with a strong focus on cloud infrastructure, data pipelines, and automation. AWS Certified Solutions Architect with hands-on experience building containerized systems, CI/CD pipelines, and Infrastructure as Code using Terraform. Interested in data engineering, cloud platforms, and scalable backend systems.

Education

Florida State University — Tallahassee, FL (Sophomore)
Bachelor of Science in Statistics | Minor in Computational Science

Expected Graduation: May 2028

Technical Projects

Cloud-Native CI/CD Pipeline on AWS (ECS + Fargate)

<https://github.com/whitemask-1/fargate-deploy-pipeline>

- Built an automated CI/CD pipeline using GitHub Actions, Docker, and AWS ECS/Fargate to deploy containerized services with logging, health checks, and versioned releases.

News Analytics Pipeline (In-Progress)

- Designing a Python-based news data ingestion and analytics pipeline integrating multiple public APIs, with emphasis on automation, reliability, and scalable system design.

Python Playground (Systems & Data Experiments)

<https://github.com/whitemask-1/python-playground>

- Developed a structured Python repository of mini-projects and experiments applying data structures, API integration, error handling, and object-oriented design to real-world problems.

Certifications

AWS Certified Solutions Architect – Associate (SAA-C03)

Achieved Jan 2026

https://www.credly.com/badges/ff8b622f-b953-4311-ab2b-b1a28bea249f/public_url

Skills

AWS (EC2, ECS, EKS, Fargate, IAM, CloudWatch), Terraform, Docker, Kubernetes, GitHub Actions, CI/CD, Python, Shell, Node.js, APIs, data ingestion pipelines, JSON, Git, Linux, VS Code

Work Experience

1 Five 3 Electric - Electrical Apprentice (Residential & Commercial) (Pittsboro, NC | Summer 2025)

- Installed, wired, and tested electrical components across residential and limited commercial job sites, including control panels, lighting systems, outlets, switches, and circuits
- Read and followed electrical diagrams, layouts, and specifications to ensure correct system configuration
- Assisted with troubleshooting and repairing electrical faults while maintaining strict safety and code compliance

Aquatic Management Group — Lifeguard (Raleigh, NC | June 2021 – August 2023) (Seasonal)

- Maintained constant monitoring of dynamic, high-risk environments requiring rapid response and adherence to strict safety protocols
- Followed standardized operating procedures and checklists to ensure safety and compliance
- Coordinated with team members during incidents, emphasizing communication, escalation, and reliability

Township — Line Cook (Tallahassee, FL | September 2025 – Present)

- Operated in a high-pressure, time-critical environment requiring consistency, precision, and adherence to established procedures
- Followed strict safety, sanitation, and quality standards while preparing and serving food at scale