

# Daniel Conlon

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## EXPERIENCE

### Cloud/DevOps Engineer | Associate SmoothStack

January 2023 – June 2023, VA, McLean

- Developed and deployed an AWS Cloud-based online banking application with multiple core microservices, enabling users to register members and execute transactions while automating member application and credit line underwriting processes.
- Streamlined the CI/CD pipeline and environment with Jenkins, leading to efficient application management and reduced time-to-market.
- Crafted Dockerfiles and Docker-Compose files for microservices, improving application modularity and scalability.
- Deployed microservices using Docker, Kubernetes, and Terraform, optimizing resource allocation, system performance, and infrastructure automation.

### Associate Product Analyst (Rotational Program) PennyMac Loan Services

March 2021 – June 2022, NC, Cary

- Document Services: Managed and updated initial disclosure documents in a master document, liaising with third-party stakeholders to ensure accurate records in the Docutech directory.
- Data Management: Facilitated the migration of processes from SQL to Snowflake, directing offshore team members on prioritizing tasks and reviewing work submissions for quality assurance.
- Broker Experience: Collaborated on the development of an in-house rules engine for front-end software to validate required fields on broker documents and gathered requirements for enhancing the broker workflow.

## PROJECTS

### Carbon Footsteps

August 2022 – August 2022

- Developed an innovative application empowering users to calculate and offset their carbon footprint, contributing to global climate change mitigation efforts.
- Utilized GitHub for version control, Kanban for project management, and LocalStorage for data persistence to optimize development efficiency and maintainability.

### Travel Blog

June 2022 – June 2022

- Developed an engaging travel storytelling platform that enables users to share their vacation experiences and explorations, fostering a vibrant community of globetrotters and adventure enthusiasts using Node.js and Express.js.
- Implemented a powerful search feature to easily discover and display related posts, complete with visually stunning location images sourced via the Pexels API, captivating users with immersive content.

## EDUCATION

### Management Information Systems

University of North Carolina Wilmington • 2020

## CERTIFICATIONS

### AWS Certified Cloud Practitioner

Amazon Web Services • 2023

This certification validates foundational, high-level understanding of AWS Cloud, services, and terminology.

### Full-Stack Coding Bootcamp

University of North Carolina Chapel Hill • 2022

## SKILLS

- **Programming Languages:** Python (Flask), JavaScript (Node.js, Express.js, Express-Session, Cookies), HTML, CSS (Bootstrap)
- **Deployment & Cloud Services:** AWS (IAM, ECS, EC2, ELB, S3, VPC, RDS, CloudFormation, Load Balancers), Terraform
- **CI/CD & Orchestration:** Jenkins, Kubernetes, Ansible
- **Containers:** Docker (Docker Hub, ECR, EKS)
- **Databases:** MySQL, MongoDB, Snowflake, JIRA
- **Version Control:** Git, GitLab, GitHub