

Anne Martine Augustin

Cloud Application Architect · AI Builder · Speaker
Houston, TX · [linkedin.com/in/annemartineaugustin](https://www.linkedin.com/in/annemartineaugustin) · amaugustin.com

SKILLS

Languages	Python, Java, TypeScript, JavaScript, SQL
AWS	EC2, ECS, S3, Lambda, API Gateway, Step Functions, CloudWatch, SNS, CodePipeline, DynamoDB, RDS, Cognito, Batch, SageMaker, Bedrock, AppSync, QuickSight, CDK
Other Cloud	Azure (VMs, Bastion, WAF, Key Vault) · Google (Firebase, Maps)
Tools	Terraform, Ansible, Git, Docker, CI/CD, GraphQL

CERTIFICATIONS

AWS AI Practitioner (2024) · AWS DevOps Engineer Professional (2024) · AWS Solutions Architect Professional (2023) · AWS SysOps Administrator Associate (2021) · AWS Developer Associate (2021) · AWS Solutions Architect Associate (2020)

WORK EXPERIENCE

Amazon Web Services · Houston, TX

Aug 2020 – Present

Cloud Application Architect

- Contributed to building a multi-agent AI system on Amazon Bedrock Runtime, implementing core services and supporting orchestrator agent development for an enterprise platform.
- Led development of multi-tenant content calendar tool adopted by global programming teams, contributing to 220% increase in user engagement and saving 8,800+ hours annually for a major media studio client.
- Led Gen AI workshop for a major streaming platform's strategy team, authoring a comprehensive proposal that contributed to a \$1.7M AI project closure.
- Optimized ML data pipeline reducing worldwide processing time (37 territories) from 15 minutes to under 3 minutes through SQL query optimization and regional metrics roll-up.
- Reduced team deployment frequency from 25.61 weeks to 2.93 weeks by resolving integration test failures and deployment blockers across a 10-person cross-functional team.
- Developed automated data pipeline processing thousands of customer requests, mapping 76 topic-service relationships to enable insights sharing with service teams.

- Implemented automation solution streamlining management of 1,000 annual surveys across 13 regions, saving approximately 333 hours annually.

Halliburton • Houston, TX

Mar 2020 – Aug 2020

Associate Cloud Engineer

- Deployed and configured Public Cloud tenants via Terraform and Ansible on Azure and AWS.
- Collaborated with architects and engineers on planning, development, and implementation of cloud infrastructure solutions.

George Mason University • Fairfax, VA

Sep 2017 – May 2019

Graduate Research & Teaching Assistant

- Supported 60+ undergraduates in CS 321: Software Engineering.
- Wrote a literature review on barriers to minorities' success in Computer Science using 15+ published papers.

Turbo System S.A. • Port-au-Prince, Haiti

Nov 2014 – Aug 2017

Project Management Assistant

- Executed end-to-end project management across 15+ software projects from client engagement through deployment.
- Collaborated with development teams on proof of concepts, product demos, and technical proposals.

Solutions S.A. • Port-au-Prince, Haiti

Jul 2013 – Jun 2014

Junior Analyst Programmer

- Developed HR web applications using .NET frameworks (ASP.NET MVC, C#, VB.NET, SQL).
- Collaborated with 8 teammates on solution development, design documentation, and technical documentation.

SPEAKING & COMMUNITY

- **Senior Speaker Certified (2025)** — Completed internal speaker certification program.
- **Amazon "Represent the Future" Speaker (2022)** — Featured speaker on empowering diversity and purpose in technology.
- **Engine Career Fest 2024** — Speaker sharing career journey and advice to ~30 attendees.
- **Grace Hopper Celebration 2025** — Selected as content reviewer, evaluated 40 technical submissions.
- **Gen AI Hackathon** — Secured 3rd place with a team of 4, presented solution to AI & Data Innovation Think Tank.
- **BEN TECH PartyRock-athon** — Co-organized global hackathon engaging 260+ attendees across 3 cities.
- **STEM & Serve Youth Festival** — Contributed to planning and execution, reaching 110+ youth with hands-on STEM education.
- **ACTIVEH** — Co-founded Haiti's largest independent university student association with 500+ members from 10+ universities.

EDUCATION

George Mason University · Fairfax, VA

May 2019

Master of Science in Software Engineering · Fulbright Scholar

Université d'État d'Haïti · Port-au-Prince, Haiti

Jul 2014

Bachelor of Science in Electronics Engineering · Top 5%

AWARDS

- Fulbright Scholarship recipient (2017–2019)
- "Resolution Fellow Award" at the 11th U.N. Youth Assembly (2012)

Languages: English (Fluent) · French (Bilingual) · Haitian Creole (Native) · Spanish (Basic)