

# Vaishavi Jayashankar

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## SUMMARY

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Cloud developer and technical program manager building production AWS systems and driving cross-functional delivery. Selected as one of 8 students for Northeastern's inaugural AWS Cloud Computing cohort; sole cloud developer on client-facing automation and reporting infrastructure. Computer Science & Business background with hands-on ownership of full-lifecycle cloud development, CRM integrations, and program execution. Targeting TPM and cloud engineering roles where systems depth and program ownership intersect.

## EDUCATION

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**Northeastern University, Khoury College of Computer Sciences** Boston, MA  
*B.S. Computer Science & Business Administration, Business Analytics Concentration* Expected May 2027

- One of **8 CS students** selected for Northeastern's **inaugural Seattle Cloud Computing Program** (Fall 2024) in partnership with AWS; dual enrollment at NU's Seattle graduate campus with AWS-focused coursework
- AWS Certified Cloud Practitioner: On track for completion Summer 2026

## TECHNICAL SKILLS

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**Cloud & Infrastructure:** AWS Lambda, S3, DynamoDB, EventBridge, API Gateway, SES, Secrets Manager, CloudWatch, EC2, RDS, CloudFormation, Bedrock, IAM, Serverless

**DevOps & Systems:** CI/CD Pipelines, Infrastructure-as-Code, CloudFormation, REST APIs, Webhooks, Polling Architecture, Automated Alerting, Docker, CRM Integrations, HubSpot, Salesforce

**Program Management:** Agile/Scrum, Sprint Planning, Roadmap Execution, Risk Mitigation, Dependency Tracking, Cross-Functional Alignment, Requirements Gathering, Stakeholder Communication, Release Management, Technical Documentation

**Languages & Data:** Python, SQL, JavaScript, Java, HTML/CSS, Pandas, Tableau, Excel, Airtable

**Tools:** Git, GitHub, GitHub Actions, VS Code, Figma, Google Tag Manager, Meta Ads Manager, WordPress

## EXPERIENCE

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**Waterside Group** Boston, MA  
*Cloud Developer Co-op* Jan 2026 – Jun 2026

- **Sole cloud developer** across all client-facing AWS systems; owned full lifecycle of production automation and reporting pipelines using Lambda, EventBridge, S3, DynamoDB, SES, Secrets Manager, and CloudWatch
- Architected end-to-end Meta Ads reporting pipeline integrating performance data, attribution, and CPL metrics; automated stakeholder distribution via SES, eliminating manual reporting and enabling real-time campaign visibility
- Built HubSpot CRM integrations for Tripleseat and Molo using webhooks, polling architecture, and custom API workflows; identified and resolved recurring sync failures, reducing data loss events and improving lead routing reliability across client systems
- Built serverless chatbot on AWS Lambda and API Gateway with Bedrock integration to support client CRM migration; automated data extraction pipeline reducing manual migration effort and consolidating client records
- Deployed and maintained CloudFormation-managed infrastructure across client environments; configured CloudWatch alarms and automated alerting to monitor pipeline health and enable rapid incident response

**BaselineTech** (Scout: Northeastern's Venture Studio) Boston, MA  
*Technical Product Manager* Aug 2025 – Present

- Led Agile sprint planning and backlog management for a 10-person cross-functional team; coordinated dependencies between design, engineering, and product stakeholders and maintained on-time delivery across sprint cycles
- Scoped and standardized CTAs and user flows across a 6-page mobile-first product; reduced drop-off by **40%** and improved onboarding clarity through iterative technical scoping and UX iteration

**NU Center of Entrepreneurship Education** Boston, MA  
*Data Impact Co-op, Data Impact Fellow* Jan 2025 – Aug 2025

- Designed and implemented NUCEE's first automated reporting infrastructure using Python and Airtable; built **10+ data pipelines and automations** that cut manual reporting time by **50%** and consolidated data across 3 programs
- Consolidated multi-source data into unified dashboards adopted by **200+ stakeholders**, enabling real-time performance tracking and supporting FY25 impact reporting across 8,000+ students and 500+ ventures