

DEAN CHAPOTARONGO

SOFTWARE DEVELOPER | SOLUTIONS ARCHITECT

+1(403) 815-5868 • DEANCHAPS@GMAIL.COM • [Github](#) • [LinkedIn](#)

PROFESSIONAL SUMMARY

Customer-obsessed Cloud Solutions Architect with a proven track record of designing and delivering secure, scalable, and serverless AWS-native applications. Backed by over 7 years of frontline leadership in high-impact client environments, I specialize in translating business objectives into cloud architectures that drive real, measurable outcomes. My core strengths include Terraform-based Infrastructure as Code, AWS Lambda compute, REST API design, and CI/CD automation. I bring a strategic focus on data, DevOps, and digital commerce—leveraging hands-on experience in Shopify API integration, Python automation, and consumer-facing e-commerce websites developed over the past 4 years. I thrive at the intersection of technology, business, and customer experience, delivering solutions that are both technically robust and business-aligned.

Core Skills & Tools

- Cloud & DevOps: AWS Lambda, API Gateway, DynamoDB, S3, CloudWatch, CodePipeline, GitHub Actions, Terraform, Azure SQL.
 - Architecture & Infrastructure: Serverless Architecture, CI/CD Pipelines, RESTful APIs, Event-Driven Design, Shopify API Integration, E-commerce Development, Webhooks.
 - Programming & Frameworks: ReactJS, Python, JavaScript, MySQL, Pandas, Scikit-learn, Docker, Tailwind CSS.
 - Data & Analytics: BI Dashboards (Tableau, Plotly), Sales Forecasting, Business Intelligence, Shopify, Inventory Management, Data Reconciliation, Excel Automation.
 - Soft Skills: Client-Facing Delivery, Agile Team Leadership, Customer Journey Optimization, Cross-Functional Collaboration.
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EDUCATION

Bachelor of Science - Computer Science

Memorial University of Newfoundland

- Relevant coursework: Algorithms & Data Structures, Network & Security, Object-Oriented Programming, SQL, Cloud Fundamentals.
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PROFESSIONAL EXPERIENCE

Software Developer - Mastermind Toys (Contract)

6 months | Remote/Canada

Developed and maintained critical e-commerce functionalities for Shopify-based websites, ensuring seamless operations and data integrity.

- Engineered Shopify API integrations for checkout and real-time inventory, leveraging Python and Excel for efficient inventory reconciliation and data accuracy.

Assistant Manager / Team Lead - Tilley, Nike (Retail Division)

Jan 2019 - June 2025 | Canada

Led operations and digital transformation initiatives in high-velocity retail environments, bridging business needs with technology.

- Drove 20% year-over-year regional revenue growth through Shopify analytics and targeted product recommendations.
- Led and mentored cross-functional teams (up to 12 staff), consistently achieving top customer satisfaction and optimizing inventory through data insights.

Data Analyst - Memorial Centre of Entrepreneurship and Research

4 months | Canada

Merged technical depth with product-focused thinking, a core competency for data-driven cloud and solutions architecture.

- Designed and deployed scalable data reporting workflows using Python, MySQL, and Tableau, reducing reporting lag by over 40%.
- Collaborated with cross-functional teams to translate business questions into analytical solutions, building a foundation for future cloud-native analytics.

TECHNICAL PROJECTS

Serverless Contact Form Architecture

Tech: AWS Lambda, API Gateway, DynamoDB, S3, Terraform, GitHub Actions

- Designed and deployed a secure, highly available contact system using serverless principles and infrastructure-as-code, with CI/CD pipelines and CloudWatch monitoring.

AI-Powered Sales Forecasting Tool

Tech: Python (pandas, scikit-learn), Azure SQL Edge (Docker), Tableau

- Building a machine learning pipeline to predict regional sales trends using real-time sales data, deploying with Docker and visualizing insights via Tableau.

CERTIFICATIONS

- AWS Certified Solutions Architect – Associate (In Progress - August 2025 Target)
- Azure DBA Associate – DP-300 (Planned)
- SQL Server Administration – Azure SQL Edge (Hands-On, Self-Guided)
- Shopify Partner Platform – Internal Training
- Salesforce CRM – Working Knowledge

ADDITIONAL INFORMATION

- **Hobbies:** Enjoy casual chess games (often online) and friendly outdoor soccer matches with friends and family.
- **Why Me?** I thrive where technology meets business. I am driven to deliver real business outcomes using leading cloud technologies. My background combines customer-facing business impact with strong cloud development skills. I am deeply aligned with Amazon's leadership principles including Customer Obsession, Bias for Action, and Deliver Results. I'm not just technically capable—I help customers transform using the cloud.