DEAN CHAPOTARONGO
SOFTWARE DEVELOPER │ SOLUTIONS ARCHITECT
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PROFESSIONAL SUMMARY

A customer-obsessed Cloud Solutions Architect with 7+ years of frontline leadership and a proven track record in designing and delivering secure, scalable, serverless AWS-native applications. I excel at translating business objectives into high-impact cloud architectures, specializing in Terraform-based Infrastructure as Code (IaC), AWS Lambda, REST API design, and CI/CD automation. My expertise spans data, DevOps, and digital commerce, including Shopify API integration, Python automation, and developing consumer-facing web applications with modern front-end technologies. I'm passionate about delivering technically robust, business-aligned solutions that truly enhance customer experience.

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.

EDUCATION

Bachelor of Science - Computer Science
Memorial University of Newfoundland

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

WORK 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

View on Github link

- Designed and deployed a secure, highly available contact system leveraging serverless principles.
- Implemented AWS API Gateway for request validation and access control, DynamoDB for durable data storage, and S3 for static content hosting, all configured via Terraform for immutable infrastructure.
- Integrated CloudWatch for proactive monitoring and GitHub Actions for automated, secure deployments, ensuring operational resilience and data integrity.

Tesla Web App

Tech: ReactJS, Tailwind CSS, Jest, React Testing Library, ESLint, Web Vitals

View on Github link

- Developed a dynamic and responsive web application, inspired by the official Tesla website, showcasing modern UI/UX design principles.
- Engineered with React for component-based architecture and Tailwind CSS for rapid, utility-first styling, ensuring pixel-perfect responsiveness across diverse devices.
- Implemented unit and integration tests using Jest and React Testing Library to ensure code reliability and maintainability.
- Monitored and optimized Web Vitals for enhanced user experience and performance metrics.

CERTIFICATIONS

- AWS Certified Solutions Architect – Associate (In Progress)
- 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.