Ryan Chase
Solution Architect

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PROFESSIONAL SUMMARY

Inspired IT Architect and Director of Technology with a history of spearheading digital transformations and cloud integrations in diverse industries.

• Recognized for a flexible and innovative approach, utilizing broad and deep expertise in high-demand areas like cloud platforms, data architecture, DevOps, and AI.

• A hands-on leader proficient in steering cross-functional teams to excellence globally, thriving in both startups and established enterprises.

• Incorporated in Canada as **rchase.io, Inc**

Key Achievements

• Spearheaded the digital transformation initiative for Xylem, a global energy company, transitioning from a legacy monolithic application to a cloud-native microservices solution.

• Orchestrated the architecture and implementation of a new AWS cloud platform at Canada Pension Plan Investments, fostering agile transformation and enhancing data processing by 50%.

• Directed technology strategy and delivery at Infusion, establishing a strong foothold in big data sectors with major clients like HSBC and Barclays in a 2-year period.

WORK EXPERIENCE

Air Canada
Senior Solutions Architect - AI

Toronto
07/2024 - 12/2024

- Led solutions architecture for key AI and ML-driven initiatives at Air Canada to enhance fuel supply strategies and optimize supply chain efficiency.
- Leveraged cutting-edge technologies on AWS, Azure, and Databricks platforms (including AI, ML, Microservices, Python, SQL, and automation) to develop responsible, scalable solutions for complex data challenges.
- Led the design and technical architecture of data pipelines and flows for AI and ML models, working closely with Data Engineering and Data Science teams.

Fog Solutions
Senior Architect - Data and AI

Toronto
12/2023 - 06/2024

- Contributed to strategy and new features by enhancing the Fog IP framework and updating the Fog Azure and Databricks platforms.
- Accelerated the digital transformation of a proprietary CMS to an Azure-based solution, leveraging AI technologies like Databricks and RAG alongside Azure Data Factory and MySQL.
- Delivered a new AI RAG app to allow first responders and administrators to query documentation to get better answers during an emergency.

Capgemini

Capgemini is a global consulting company, operating in 50 countries with 250,000+ employees.

Managing Delivery Architect

06/2021 - 10/2023

- Managed teams and provided training and mentorship as part of the Canada leadership team.
- Increased revenue 50% above expectations within 1 year, and drove sales and strategy across Canada and globally.
- Key senior SME for advanced strategic sales pursuits for Data Lake, DevSecOps, Digital Transformation for large clients in aeronautics, transportation, energy.
- Delivered major cloud and digital transformation programs into production while working on multiple projects.

SRE and DevOps Architect - Rogers via Capgemini

11/2022 - 09/2023

- Advanced the design and development of a data lake house for a global telecommunications company, overseeing service reliability and security with Azure.

Cloud and DevOps Architect - Xylem via Capgemini

12/2021 - 04/2023

- Spearheaded the digital transformation of a global energy company, implementing a new Azure platform complemented by Azure DevOps automation.
- Orchestrated a significant rebuild of a flagship sales application, replacing 100% of the functionality from the legacy system with a cloud-native, automated micro-services-based solution in 2 years.

Enterprise and Security Architect - Nutrien via Capgemini

07/2021 - 03/2023

- Led a comprehensive cybersecurity initiative for a global utility company, developing and implementing strategies for a multi-cloud, multi-vendor SaaS, and on-premise technology ecosystem.
- Leveraged deep expertise in AWS (IAM, S3, API Gateway), Azure, on-premise, and hybrid cloud architectures to enhance security controls, ensure compliance with industry best practices and regulatory requirements, and safeguard critical data across diverse platforms.
- Drove the information security and protection of sensitive data, including Personally Identifiable Information (PII), through advanced policies and controls.

Canada Pension Plan Investments

Architect - Cloud and Big Data

04/2019 - 06/2021

- Spearheaded strategy, design, and implementation for a new AWS cloud platform and a cutting-edge Data Lake, driving a 50% increase in data ingestion and processing capabilities, optimizing performance and scalability for large datasets.
- Led the cloud digital transformation initiative, collaborating closely with the Managing Directory of Digital Transformation to modernize infrastructure and drive innovation across the organization.
- Championed the development of robust data pipelines and platforms, utilizing AWS services such as ECS, EKS, Redshift, and Lambda, alongside Databricks, Spark, and PySpark, ensuring seamless data integration and advanced analytics capabilities.

Sourced Group

<div align="right">Toronto</div>

Sourced Group works with the largest, most security-conscious enterprises to migrate and manage their cloud infrastructure at scale.

Enterprise Architect and Cloud Architect

<div align="right">08/2018 - 03/2019</div>

- Led an Azure pipeline/bootstrap R&D project and successfully implemented a prototype for sales opportunities and internal IP.
- Secured two clients in 6 months through effective demonstrations and sales strategies.

Enterprise and Cloud Architect - Royal Bank via Sourced Group

<div align="right">09/2018 - 03/2019</div>

- Developed and instituted Cloud technology selection guidelines for Azure and 3rd party software, providing comprehensive guidance to RBC financial services teams.

Cloud Architect and Instructor - Scotiabank via Sourced Group

<div align="right">08/2018 - 03/2019</div>

- Empowered technical teams through focused training and workshops for the Google Cloud Platform.
- Designed and delivered tailored training programs using Learning Management Systems (LMS), ensuring continuous learning.

Cloud Architect and DevOps Coach - Rogers via Sourced Group

<div align="right">08/2018 - 03/2019</div>

- Empowered technical teams through focused training and coaching for AWS.
- Designed and delivered tailored training programs using Learning Management Systems (LMS), ensuring continuous learning.

Avanade

<div align="right">Toronto</div>

Avanade is a joint venture between Microsoft and Accenture, with a focus on technical consulting and delivery. Avanade acquired Infusion (my previous firm) in 2017.

Technical Pre-Sales Architect

<div align="right">08/2017 - 09/2018</div>

- Boosted customer engagement by 25% through targeted pre-sales support for full-stack applications using NoSQL, aligning with account managers to create tailored solutions within 3 months.

Enterprise Architect and Principal Consultant - Gore Mutual Insurance via Capgemini

<div align="right">08/2017 - 09/2018</div>

- Designed and implemented a new cloud-native Azure solution, establishing a new digital broker sales integration channel, increasing B2B channel adoption and sales throughput by 20% over 1 year.

Infusion

<div align="right">London, Toronto, New York</div>

Infusion designed and delivered innovative digital products and platforms to help expedite digital business transformation for the enterprise. Infusion was acquired by Avanade in 2017.

Director of Technology and Architect

<div align="right">12/2013 - 08/2017</div>

- Led technology strategy and innovation for Infusion UK, driving key initiatives and overseeing the successful delivery of complex solutions.

- Managed a team of 80 professionals, collaborating with senior leadership to deliver exceptional results to 20 clients across multiple sectors, including Capital Markets, Financial Services, Insurance, and Retail.

Enterprise Architect - Royal Bank via Infusion
06/2016 - 07/2017

- Directed a transformational project for MIFIDII trading compliance with a budget exceeding $25 million.

Architect and Technical Account Manager - Barclays via Infusion
Full-time • 12/2014 - 03/2016

- Expanded Infusion's footprint on the account, achieving 25% growth within 1 year and 50% growth within 2 years.
- Reduced transaction misclassification by 25% within 1 year by delivering new two-way transaction classification functionality for retail client banking solutions by building a big data platform, framework, workflow, and applications.

Lead Architect and Designer - HSBC via Infusion
06/2015 - 02/2016

- Led a 3D data visualization project, leveraging big data and augmented/virtual reality technologies, allowing non-technical users to discover trends and potential fraud connections.

Architect, Team Lead - MetLife via Infusion
04/2013 - 02/2015

- Led a 50+ person Agile engineering team, driving the invention of new technology and delivering transformative business products that ultimately evolved into the successful start-up Unqork.
- Spearheaded the simplification of MetLife's insurance product configuration and sales processes by 25-50% over 3 years, optimizing operations across key markets in Brazil, Japan, and Poland.

Architect and Senior Developer - Credit Suisse via Infusion
05/2012 - 08/2013

- Designed and implemented the backend of a full-stack solution for middle office transaction management, resulting in a 25% decrease in misclassified transactions in 1 year.

NexJ Systems
Toronto

NexJ Systems provides a CRM and Wealth Management SaaS platform as well as Professional Services to work with clients on the platform.

Senior Consultant, Professional Services
Full-time • 02/2010 - 05/2012

- SME for: databases, Java, software engineering, problem-solving, troubleshooting, middleware integration, web services, deployment, and scripting.

Architect and Technical Delivery Lead - Morgan Stanley Private Wealth Management via NexJ
02/2011 - 04/2012

- Transformed a legacy client monolith application for middle office transactions and management to a modern CRM SaaS solution.

Architect and Technical Delivery Lead - Morgan Stanley Smith Barney via NexJ
02/2010 - 03/2011

- Implemented a new wealth management CRM solution, opening new revenue streams and driving investor confidence and returns.

IBM
Toronto

Architect, Software Developer
07/1998 - 02/2009

EDUCATION

Queen's University

Majors in Math and Computer Science. Minors in History and Diversity Studies.

Bachelor of Science (Honours) • GPA: 4.0   Kingston, Ontario • 09/1993 - 04/1997

IBM Professional Training

IBM Certification in Computer Software Engineering   01/1999 - 12/2009

CERTIFICATIONS

AWS Certified Solutions Architect – Professional   03/2021 - 03/2024

Amazon Web Services (AWS)

Databricks Certified Data Engineer Associate   02/2024 - 02/2026

Databricks

Academy Accreditation - Databricks Lakehouse Fundamentals   11/2023 - 11/2024

Databricks

HashiCorp Certified: Terraform Associate (003)   07/2023 - 07/2025

HashiCorp

Azure Cloud Architecture Fundamentals

Microsoft

Google Cloud Platform Fundamentals: Core Infrastructure   01/2019

Coursera

SKILLS

Cloud Platforms: AWS, Azure, Databricks, Google

DevOps: ARM, Docker, Terraform

Programming Languages: C#, C++, Java, Python, SQL

Architecture: AI/ML Solution Architecture, C4, Cloud Architecture, Design Patterns, DevOps Architecture, Enterprise Architecture, Platform Architecture, Solution Architecture, TOGAF

Databases: AWS RDS, Azure SQL, DB2, DynamoDB, MongoDB, MySQL, Neptune, Redshift, Snowflake, SQL Server

Agile: Product Owner, Scrum Master

Soft Skills: Client Relationship Management, Global Leadership, Innovation Catalyst, Strategic Visionary, Team Leadership, Thought Leadership

Containers: Container Registry, Docker, Helm, Kubernetes

PUBLICATIONS

Patent US20040221267: Autonomic Installation and Setup Wizard for DB2 Universal Database Suite v8, featuring Self-building and Self-updating Capabilities.

11/2004

Link to Patent