

## Mike Dalrymple

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# Summary

Hands-on engineering leader, experienced in the entire product development lifecycle, from requirements gathering through development, deployment, and operational support.

# Experience

## Slalom : Senior Delivery Principal

2022 - Current

Slalom is a global consulting firm that helps people and organizations dream bigger, move faster, and build better tomorrows for all.

- Developed and implemented migration strategies for customers moving from on-premise (data center) deployments to Amazon Web Services (AWS).
- Recognized by colleagues with a Delivery Excellence Double Diamond award for work with first client.

## MX Ledger : Founder, Product Manager & Engineer

2019 - Current

MX Ledger is a platform that helps small aircraft owners track their maintenance records

- Designed, developed, and deployed the full application stack from initial concept to working product
- Leveraged AWS serverless solutions to keep operational costs low while maintaining sub-second response times
- Implemented a blockchain-backed system along with DynamoDB to deliver auditable, versioned records with low latencies
- Developed Use Case documentation for all implemented features
- Achieved over 90% test coverage across Go, Typescript (Angular), and Java codebases
- Entire infrastructure managed with Terraform and Terraform Cloud

## Watchwith : Co-Founder & Head of Engineering

2008 - 2019

Watchwith (acquired by Comcast in 2016) developed an award-winning interactive video platform used by NBCUniversal, Fox, Disney, CBS Interactive, and Viacom

- Architected a solution that evolved from supporting connected Blu-ray devices to millions of connected TVs
- Managed local and remote teams developing applications for TVs, STBs, and mobile devices (iOS & Android)
- Delivered services that scaled from zero to 20k+ concurrent connections to support high traffic voting events for The Voice, America's Got Talent, and American Idol

- Migrated all Watchwith services to Amazon Web Services in April 2010 and continued to adopt new AWS services as they became available

## Certifications

- [AWS Certified Solutions Architect - Professional](#)

## Technical Skills

Code and writing samples are available [on request](#). Community contributions and discussions can be found on [GitHub](#) and [Stack Overflow](#).

- **Programming Languages:** Go, Typescript, Javascript, Java, Groovy, HCL, HTML, CSS
- **Operating Systems & Utilities:** Linux, Regular Expressions (RegEx), vi, Git
- **Frameworks & Libraries:** Angular, ngrx, RxJs, Spring, Jest, Spock, gorilla/mux, Tika
- **Cloud Tools:** Amazon Web Services, Terraform Cloud, SendGrid, GitHub
- **AWS Services:** Lambda, DynamoDB (NoSQL), Cognito, IAM, EC2, Beanstalk, ECS, RDS, QLDB, SQS, SNS, SES, Kinesis, Route53, ACM, CloudSearch (ElasticSearch), Textract, API Gateway, CloudFront, S3, WAF, CodeBuild, CodePipeline, CloudFormation, CodeDeploy, CloudWatch, X-Ray, Backup, Organizations, Systems Manager, VMWare on AWS

## Patents & Papers

- [US20120173754](#) System and method for interfacing content playback devices with network sites to supplement content playback
- [US20170041644A1](#) Metadata delivery system for rendering supplementary content
- Gerzso, M.J. and Dalrymple, M.J. (1998). Executable Drawings: The Computation of Digital Architecture. *Proceedings of Acadia'98*. Eds. S. Van Wyk and T. Seebohm. Quebec City
- Gross, M. and Dalrymple, M.J. (1997). Executable Drawings: Embedding Computation in Computer-Aided Design Drawings. *final report of a Colorado Advanced Software Institute Undergraduate Research Grant*

## Education

B.A. Architecture and Design, University of Colorado Boulder - Focus on Computer-Aided Design