

# Dieter Matzion

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## **FINOPS / CLOUD FINANCIAL MANAGEMENT**

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I am one of the thought leaders in FinOps / Cloud Financial Management. My background is in engineering where I have a MS in Computer Science. I learned cloud at Google in 2013; moved to Netflix, and then Intuit. I am an AWS Subject Matter Expert ([SME](#)) in Cloud Financial Management, a FinOps Foundation [member](#), an O'Reilly Media [author](#), and a Customer Advisory Board [member](#) at CloudHealth (by VMware). My expertise is in cloud cost and efficiency, see my full portfolio [here](#). Core competencies include:

- Building and nurturing strong working relationships with executives, management teams, customers, and service providers to deliver successful outcomes.
- Develop planning models and processes to increase profit and improve efficiency while reducing cost and risk.
- Hands-on technical skills to understand and communicate technical challenges and to develop tools and automation.

## **PROFESSIONAL EXPERIENCE**

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Intuit, Inc., Mountain View, CA

7/2016–Present

### **Principal Business Systems Analyst**

Cloud Financial Management on AWS, GCP, and Azure.

- Created and drove the Cloud Center of Excellence (CCoE) program using a mission-based team that included cloud operations, analytics, and finance. The program reduced total cloud spend by 40% using rate reduction methods like enterprise discounts and prepayment products as well as cost avoidance methods like right-sizing and cloud parking.
- Built a data warehouse to track key performance indicators (KPIs) on Redshift using Qlikview. This gave self-service visibility to everyone at Intuit into metrics like actual versus forecast, real-time notifications for budget at risk, utilization of cloud resources, and compliance with operational and cloud efficiency best practices.
- Established a company-wide goal for all engineers to have less than 5% of unrealized potential savings (waste). Regularly engaged with engineering leaders to show progress toward their goal and to hold engineers accountable for cloud cost and efficiency.
- Drove regular engagements with executives (CTO & CFO), VPs, directors, and team leads to communicate past performance of the program, educate on future opportunities, and to align business roadmaps with CCoE program goals.
- Built tooling and processes around AWS prepayment products. Utilized automation for weekly purchases and hourly modifications. This increased Covered Usage to over 90% and reduced Unutilized Prepayment Products to less than 1%.

Netflix, Inc., Los Gatos, CA

1/2015–7/2016

**Cloud Architect**

Cloud efficiency and performance on Amazon Web Services.

- Drove cloud efficiency efforts that saved \$20M in 16 months, such as off-peak capacity borrowing (internal Spot market), in-house container service (Docker), and instance type migrations (squeeze testing).
- Built weekly Cloud Efficiency Reports that provide visibility into short- and long-term trending to 900+ microservice owners for Cloud Utilization (CPU, RAM, disk, and network), inbound Requests per Second per Instance, and Streams per Dollar.
- Built A/B Test Analysis Framework (TAF) that provides visibility into up- and downstream cloud capacity impact of all tests within each test group to provide additional cloud cost telemetry for choosing successful test candidates.

Google Inc., Mountain View, CA

5/2013–12/2014

**Technical Program Manager**

Capacity planning and resource provisioning for Google's Content and Display Ads; over 40 services and 1,200 software engineers.

- Improved growth forecasting by building automation to scan the product backlog for capacity impact of new customers and product introductions.
- Improved demand forecasting from 12 weeks to 15 months by expanding the planning model from just cores to include all resource dimensions.
- Reduced the time to set up compute resources in new data centers from 6 weeks to 2 days by applying automation to the build process.
- Eliminated interactions between 450 developers and 34 site engineers by building a monthly cadence for product backlog grooming (Scrum).

**OTHER PROFESSIONAL EXPERIENCE**

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IT Operations Manager

PayPal, Inc., San Jose, CA

Lead Data Architect

E2open, Inc. Redwood City, CA

Data Architect

Cisco Systems, Inc., San Jose, CA

Data Architect

Neoforma, Inc., San Jose, CA

Data Architect

Affymetrix, Inc., Santa Clara, CA

**EDUCATION**

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M.S., Computer Science

University of Applied Sciences, Karlsruhe, Germany

B.A. (equiv.), Intercultural Management and Communication

Karlshochschule International University, Karlsruhe, Germany