

Dieter Matzion

CLOUD COST OPTIMIZATION

I have an engineering background with a masters in computer science. Learned cloud at Google in 2013; moved to Netflix, and then Intuit. Speaker at AWS re:Invent 2016 [video](#), and a CloudAcademy instructor [profile](#), [preview](#). My expertise is in cloud cost and efficiency, see my 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

Intuit, Inc., Mountain View, CA 7/2016–Present

Staff Business Systems Analyst

Cloud cost and efficiency on AWS, GCP, and Azure.

- Realized savings of \$30M in the first 12 months of being hired by re-negotiating an enterprise agreement (\$7.2M/yr), expanding the AWS Reserved Instance (RI) program (\$13.2M/yr), and by building a culture around elasticity and right-sizing (\$9.8M/yr).
- Initiated monthly stand-ups with business and technology leaders to align business unit road maps with cost optimization goals.
- Built tooling and processes around AWS RIs. Utilized automation for weekly purchases and hourly modifications. This reduced waste <5% and increased coverage >90%.
- Created 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 utilization of cloud resources, actual versus forecast, compliance with operational and cloud efficiency best practices, and near real-time insufficient capacity exceptions (ICE).

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+ micro service 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).

PayPal, Inc., San Jose, CA

8/2005–11/2012

IT Operations Manager

Managed the global finance systems team of 26 engineers, supporting all systems and processes for all top-level corporate functions, a daily volume of \$1.2B USD.

- Delivered a data center migration of 50 applications, 20,000 batch jobs, and 200 physical hosts on time and on budget.
- Initiated performance metrics that drove profitable growth, including initiation of efficiency culture.
- Expanded a local team of 4 to a global team of 18, and established a tiered support model allowing business growth from 14 to 38 databases.

OTHER PROFESSIONAL EXPERIENCE

Lead Data Architect

Data Architect

Data Architect

Data Architect

E2open, Inc. Redwood City, CA

Cisco Systems, Inc., San Jose, CA

Neoforma, Inc., San Jose, CA

Affymetrix, Inc., Santa Clara, CA

EDUCATION

M.S., Computer Science

University of Applied Sciences, Karlsruhe, Germany

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

Karlshochschule International University, Karlsruhe, Germany