

Houston H. Haynes

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Principal architect with proven engineering experience in design and delivery of resilient distributed operational and analytic solutions - desktop, mobile and embedded systems in Azure, AWS and private cloud.

- ✓ 20+ years of building teams and systems across healthcare, finance, media & entertainment, automotive and government verticals
- ✓ Lean software practitioner and agile process advocate since 2003
- ✓ Member, Board of Trustees, F# Software Foundation
- ✓ Former Member of Azure Data Platform Advisory Group
- ✓ Product Advisory Board – eviware (Java/Groovy/Grails)
- ✓ Presenter: (.NET Conference, MS Insight & AWS Ignite) on big data, machine learning, hybrid architecture & IoT

Work Experience

ROWER CONSULTING, MANAGING PARTNER – WESTERN REGION, 2019-PRESENT

Manage work assignments and delivery of digital transformation projects for government and regulated industry verticals. Lead information security audits and policy reviews for companies and municipal agencies as part of systems modernization efforts. Create CI/CD and infrastructure-as-code deployments using Terraform, Farmer, pulumi and Chef. Produce transition documentation for project hand-off to client teams.

KAISER PERMANENTE, MANAGING CONSULTANT, CLOUD ANALYTICS, 2018 –2019

Serve as full stack project engineer for cloud native efforts across multiple cost accounting programs for a national healthcare provider. Architect and implement a cloud-centered self-service analytics platform for non-clinical decision support. Provide expertise to Chief Data Office on master data proposals to harmonize departmental and regional data sets toward creating a canonical platform for operational reporting across all segments of the enterprise.

ROWER CONSULTING, PRINCIPAL ARCHITECT, 2013-2018

Performed pre-sales technical reviews for scope, design, and customer presentation yielding 25% increase in committed projects. Assigned and managed project engineering teams from day-0 meetings through to customer training and final delivery. Presented at public events on behalf of Microsoft on subjects of hybrid infrastructure and machine learning at production scale.

UNIVERSAL MUSIC GROUP, LEAD DATA PLATFORM CONSULTANT, 2013 –2014

Design data migration and process guidance for the Global Royalties and Copyright IT Group. Architected process modifications and designed artifacts detailing variances resulting from remediation of post-corporate-merger data feeds from EMI Group. Produce new ETL processes to support direct ingestion of royalty declarations into SAP as part of a post-merger sunset of JDE as accounting system of record.

LIVE NATION, INFRASTRUCTURE AND DEVOPS MANAGER, 2010 –2012

In AWS and private cloud infrastructure, built micro-services framework for multiple environments and multi-region production tier. Designed service framework for certifying and managing partners into new ticketing platform. Functional areas included search, identity, ticket availability and commerce. Managed diverse product portfolios including mobile and kiosk platforms as well as internal-facing client center portal for venues. Responsible for project budgets for staffing and estimating costs for tooling and application development.

WESTERN ASSET MANAGEMENT, ENGINEERING MANAGER, 2007 –2010

With technical and compliance roles created framework for validating Bloomberg data feeds against counterparty strike price information. Created a consolidated view of front and back-office application performance with summary reporting across working teams. Prepared data and system validation budget for fiscal year across application delivery teams. Managed application, data and systems compliance attestations to satisfy internal auditor and external regulatory review.

BANK OF AMERICA, AI GROUP MANAGER, 2004 – 2007

Led three teams in multiple global locales to manage quality surrounding decision support systems integrity and availability. Designed independent cohort analysis of loans in servicing portfolio for CHL Secondary Marketing Group. Managed relationships with Fannie Mae, Freddie Mac and VA on service protocols and regulatory compliance. Provided support for SDLC management efforts by analyzing and modifying work streams and guiding the broader working group in adopting good development and deployment practices. Managed vendor relationships in budgeting for tools and infrastructure.

Early Career Notes <https://h3tech.dev/vitae/early-years>

Recommendations <https://h3tech.dev/vitae/recommendations>

Education

BS AUDIO ENGINEERING, MINOR IN COMPUTER SCIENCE, UNIVERSITY OF NORTH CAROLINA, ASHEVILLE

RESEARCH ASSISTANT TO DR. ROBERT MOOG, RESEARCH PROFESSOR OF MUSIC

Edited *Music, Electronic* entry for Encyclopedia of Applied Physics (author: Moog)