

HITESH CHITALIA

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PROFILE

Accomplished IT leader experienced in engineering cloud-based technology platforms. Well versed in technology planning, application architectures and department leadership. Proficient at delivering sustainable solutions that achieve business goals while optimizing costs.

EXPERIENCE

Verisk Analytics, 11/2019 - Present

AVP Cloud Architecture and Optimization

- Partner with Verisk business units to identify and implement cost saving and performance improvement strategies on AWS
- Create and implement optimal cloud solution architectures for the migration of on-premise platforms to AWS

Cloud Architect

- Create the target AWS architectures for the AWS migration of the multiple business units in the Verisk Financial vertical, providing execution guidance and a multi-phase approach to ensure completion within the expected timelines
- Establish the Common Capabilities and Platforms strategic vision for the Verisk Financial technology organization
- Partner with Verisk Cloud FinOps team to identify opportunities for savings and optimization on AWS
- Lead the Argus business unit strategic integration and technical alignment with the Verisk Data and Analytics Service platform
- Establish a joint development environment standard on AWS reducing the time to deploy and provide access to third party partners by 80%
- Successfully navigate and secure approvals from the Security and Architecture Review Board for multiple AWS migration projects

Itemize, 04/2017 – 10/2019

VP of Technology

- Build and maintain a large-scale, global enterprise platform for a ML-based data extraction engine designed to extract and return expense information found on receipts / folios / invoices.
- Lead Operations team to continuously monitor the data extraction process and identify opportunities for accuracy improvement and error reduction.
- Implement Agile and DevOps practices and establish CI/CD with AWS CodePipeline, CodeBuild and CodeDeploy to automate deployments.

- Partner with Compliance to create policies and procedures for data security and data classification that comply with SOC Type 1 and 2 certification and achieve PCI Level 1 compliance.
- Achieve a 25% cost reduction in Amazon Web Services by aligning resource consumption with usage patterns and implementing “serverless” APIs on AWS Lambda and web applications on S3 and CloudFront.
- Secure infrastructure on Amazon Web Services by creating multiple virtual private networks with access controls and role-based policies, ensuring at-rest encryption for all data and systems monitoring with alarms and active alerting through Slack and email.
- Create ElasticSearch cluster for centralized logging to aid in tracing and auditing of application processing.
- Set up stand-by environments including RDS instances in alternate regions for disaster recovery.
- Present the IT viewpoint at product and management leadership meetings to bolster business and IT alignment.
- Mentor IT staff and interns on software development best practices and architecting for scalability, high availability and security.

Self Employed, 09/2016 – 04/2017

- Achieve AWS Solutions Architect, Developer and SysAdmin Associate Level certifications.
- Gain an understanding of the benefits and shortcomings for serverless computing.
- Establish foundational knowledge of secure, well-architected, fault-tolerant, highly-available, and cost-effective platforms on AWS.

Greenwich Associates, 04/2015 – 09/2016

VP Software Engineering

- Created a three-year technical roadmap to upgrade legacy platforms and show a reduction in licensing and support costs while increasing development agility.
- Provided a forecast for the cost and benefits of cloud-based services supporting dev and test servers, storage and backup.
- Collaborated with product management and marketing teams to analyze customer patterns and market opportunities to create a demand pipeline for application development.
- Managed application development and QA team comprised of eight direct reports onshore and over twenty offshore team members.
- Designed new solutions for data processing applications that remediate data quality issues and comply with data governance standards for CRM and data reporting platforms.
- Coached technical and business teams on Agile Scrum practices through user story mapping exercises, lunch and learn sessions and reference materials for best practices.
- Effectively negotiated contracts with external partners to develop applications that comply with budget and quality metrics.

S&P Global, 04/2003 – 04/2015

Director Application Architect

- Applied Enterprise Architecture principles to uncover redundant capabilities, identify significant cost savings and design scalable, secure, and highly-available architectures.
- Architected information discovery and data mining prototype applications using AWS, Hadoop, text analytics and contextual linking for two unique use cases involving three business units.
- Successfully used negotiation skills to establish common frameworks for document search, text analytics and mobile application development across multiple business units, each having their own requirements serving free and paid subscribers.
- Active membership of firm's Enterprise Architecture Council which included representation from S&P, McGraw-Hill Education, Platts and others.
- Mobile platforms and applications:
 - Collaborated with product management teams to identify revenue strategies based on advertising and subscriptions.
 - Created a unique "app factory" platform with re-usable components for authentication, data APIs and social media integration to reduce development and market testing effort.

PREVIOUS ROLES

Columbia House Company, Software Developer, 12/99 – 07/02

Deutsche Bank, Software Developer, 12/98 – 12/99

Digital Equipment Corporation, Software Engineer, 06/96 – 12/98

CERTIFICATIONS	EDUCATION
AWS Certified Solutions Architect – Associate, 04/20 AWS Certified Developer – Associate, 04/20 AWS SysOps Administrator – Associate, 05/20 AWS Certified Security – Specialty, 5/20 MS Azure Fundamentals, 6/20	MS Electrical and Computer Engineering, Rutgers University, 10/98 BS Electrical and Computer Engineering, Rutgers University, 05/94