

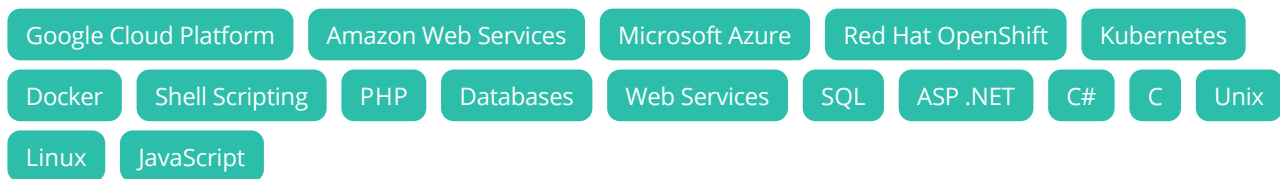
James Michael

SOLUTION ARCHITECT

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Highly dedicated and Performance-driven professional with 17 years of expertise in solution architect and software developer with a commitment to and experience of developing innovative and creative software applications. Able to perform full software development life cycle activities. Actively looking for a solution architect position with a fast-paced and ambitious company that can offer development training, project-based learning and a mentoring program.

SKILLS



WORK EXPERIENCE

Feb 2019 - Present

SOLUTION ARCHITECT - LEAD

CA Technologies

- Produce design and architecture of Cloud security solution to meet the requirements
- Design, prototype and deliver cloud-native solutions, leverage cloud-specific (AWS/Azure/GCP/OpenStack) platform rich services offering
- Serve as a cloud evangelist, consult and provide technical guidance on AWS/Azure/GCP/OpenStack design, governance, performance developed deployment scripts from Git repository to GCP App Engine.
- Developed and deployed Docker containers on Kubernetes.
- Implemented the ETL process to migrate legacy data to the SQL database.
- Defined the data storage strategy and implementation roadmaps.
- Designed the information architecture and model of an organization's assets.
- Advised and evaluated data retention and governance using cloud technologies.

Jul 2017 - Jan 2019

SOLUTION ARCHITECT

Dassault Systèmes

- Architecture including application pattern work teams, domain specific sites or governance sites
- Design of high quality architectures that meet customer requirements and are consistent with enterprise architectural standards
- Designed AWS components for customer-facing applications on web and mobile.
- Liaison with product owners to define and understand product road maps.
- Defined security protocol for communication between systems.
- Defined the Micro-service strategy from monolith pattern to Docker

containers.

- Defined authentication and authorization patterns using SAML, OpenID and STS.
- Developed Pub/Sub Message queue using SNS and SQS.
- Developed NoSQL database structures for DynamoDB.

Feb 2015 - Jun 2017

SOLUTION DESIGNER

Autodesk

- Design, prototype and deliver cloud agnostic microservices architecture leveraging Kubernetes, Pivotal and other PaaS platforms
- Monitor adherence to corporate standards in application design, development, and testing
- Designed REST Web Service in C# and Java using Layer pattern.
- Defined SOAP Web Services using Postman and Fiddler.
- Built containerized web servers, load balancers and DNS using Docker.
- Developed automation scripts using Powershell, VBScript and Java.
- Designed schemas for Oracle, SQL and MySQL servers.
- Installed, configured OpenSSL and managed SSL certificates for authentication.
- Configured cryptography ciphers using DES3, Blowfish and OpenPGP.

Nov 2005 - Jan 2015

TECHNICAL ARCHITECT

Mentor Graphics

- Design architecture to enable cloud migration programs, analyse existing application
- Deployed and maintained VMs on Azure and AWS.
- Deployed and maintained docker containers on OpenShift PaaS platform.
- Configured and automated provisioning of Google App Engine services.
- Developed REST Web Services in C#, Java and defined the JSON payload.
- Developed SOAP Web Services in C#, ASP.NET and defined the XML payload.
- Designed architecture for SMS notification platform using Event-driven pattern.
- Deployed and scaled MySQL, Oracle and SQL servers.

ACADEMIC QUALIFICATIONS

Master of Computer Application
San Francisco State University - California

Bachelors of Computer Science
Oklahoma State University - Stillwater, Oklahoma

PROJECTS

Oct 2018 - Present

HOTEL MANAGEMENT APPLICATION

Solution Architect

- Designed and developed framework architecture.
- Designed NoSQL schema using FireStore.
- Developed PHP code using Pub/Sub pattern for RabbitMQ messages.

Oct 2017 - Nov 2018

SPORTS SOLUTION APPLICATION

Senior Developer

- Designed database schema in MySQL.
- Developed integration for accessing external data using REST API and JSON.
- Developed the CI/CD tools for interfacing GCP App Engine.

Jan 2016 - Sep 2017

BUY & SELL CARS PORTAL

Developer

- Designed database schema.
- Developed platform using PHP backend and Bootstrap/jQuery UI.
- Created login, registration and notification process flows for MailGun.

CERTIFICATION

Azure certification

Microsoft - 2019

AWS Certification

Amazon - 2016

AWARDS

Best Performance of the year Award

Autodesk

PERSONAL SKILLS

Problem solving



Team Leader



Planning strategically



Attention to detail



REFERAL

Available on request.