Shashikant Kulkarni
Cloud Architect

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➢ Overall **22 years** of experience in the software industry
➢ **Eight years of AWS Cloud Architect** experience in creating bespoke, ground-up **AWS solutions**
➢ Broad experience in designing, developing and deploying **scalable**, **secure** and **cost-effective** cloud **architectures** with infrastructure **automation** and optimization of **mission-critical** deployments
➢ Worked across multiple sectors including **Banking**, **Fintech**, **Pharmaceuticals** and manufacturing
➢ Implemented the **PCI-DSS** compliant **Banking as a Service** (BaaS) business proposition, including **Infrastructure on AWS**, services on **Kubernetes**, **monitoring**, and **DevOps** and **IaaS** within just **1 year**

EXPERIENCE

Qorbital, UK

Cloud Architect

April 2021 – Present

- **In just 1 year**, architected, designed, coordinated and successfully delivered **AWS cloud setup** with **over 11 AWS accounts** used for different functions
- By following **AWS best practices** developed infrastructure **automation** as part of **cloud blueprints** that led to **70% increase** in productivity
- Worked directly with stakeholders and the product team to **develop**, **refine**, and decompose requirements based on capability **architectures**, use cases, and **stories**
- **Generated** drawings and engineering **artifacts** and **reports**
- **Secured** application **80%–90%** through **IAM**, **KMS**, **Secret Managers**, **security groups** and other services & by using **Center for Internet Security** recommended **hardened** images
- **Automated** CI / CD **pipelines** using gitlab-runners and **terraform** scripts
- Created **dashboards**, alarms and notifications for AWS assets using tools like **Grafana**, **Prometheus**, **Loki**, **Thanos**, **Jaeger**, etc
- Identified and remediated **50% security risks**, **compliances** by integrating **Tugboat logic with AWS**

AWS | BigData, Remote

Consultant

April 2018 – April 2021

- **Within 6 months**, steered well planned **migration** of legacy app to **modernize**, fast web app on **Heroku** platform with a **geographically diverse** team of **5 developers**
- Identified and **remediated issues** in UI and fixed them successfully within **two weeks** by quickly understanding the UI framework **Vert.x**
- Served **technical guidance** in support of system development and

CORE SKILLS

Amazon Web Services (**AWS**)
Architecture
Big Data
Python
Java
Terraform
Docker
Serverless Computing
Shell Scripting
Cassandra
Apache Spark
EKS, MSK, RDS
Cloud **Security**

ADDITIONAL SKILLS

Agile Methodologies
Stakeholder management
Network security
Cost optimization
Troubleshooting
Cloud monitoring
Gitlab
Istio service mesh
CI / CD
Tugboat logic integration

ACHIEVEMENTS

AWS Cloud Practitioner – Amazon Web Services (AWS)
Issued Jun 2021 – Expires Jun 2024
HEB0FLKDLMVEQY94

troubleshooting.

- Devised a **critical** global UI component **within a week**. This component was reused at multiple places
- Implemented knowledge of AWS **serverless** cloud technologies like **Lambda** using **Python**
- Researched and understood emerging technologies and end-user needs to assess **cost** and **compatibility**

KSolves India, Noida

VP Technology

September 2014 - March 2018

- Provided **solution designs** to meet system **strategies**, **capabilities** and **technologies** and to respond to current and future business **requirements**
- **Introduced AWS** cloud to project and achieved application performance **improvements by 30%**
- **Restructured** and **migrated PHP**, **MySQL** based application to **AWS** by **re-platforming** to **NoSQL Cassandra** database within **6 months** and achieved **performance** improvement of system by **75%**
- Managed a team of **10 members** to **re-architect** the application in just **8 months**
- Used development toolkits like **Maven**, **GIT**, **Bitbucket**, Continuous Integration suites like **Jenkins**, automated deployments using **Ansible**, **JIRA**, Wiki

Tieto, India

Software Architect

December 2009 - Sept 2014

- Participated in **due diligence** activities and **proposal making**
- **Evaluated** existing systems to determine **effectiveness** and suggested changes to meet organizational requirements
- **Collaborated** with engineers and software developers to select appropriate design solutions and ensured compatibility of system components
- **Trained** users in system operation and basic maintenance

GeometricPLM, India

Tech Lead

August 2000 - December 2009

- **Communicated** closely with technical stakeholders to implement application
- Evaluated existing systems to determine effectiveness and suggested changes to meet organizational requirements
- **Implemented** and **trained** system users for eMatrix based applications using **PLM configuration** tools to replace the existing **legacy** systems
- Supported client **Infrastructure** and maintained it successfully throughout the project implementation cycle

Oracle Certified Master, **Java EE 5 Enterprise Architect**

- ➔ Cloudera **Certified** Developer for Apache **Hadoop**
- ➔ Sun **Certified Java** Programmer
- ➔ Brainbench **certified** for **Java** 2

C-DAC

Center for Development in Advanced Computing

Bachelor of Engineering

Dr. B. A . University

Awards

- Pat on the back
- Appreciation Award
- Excellent Performing Team Award