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Top Skills

MLOps
Google Cloud
Cloud run

Languages

English (Professional Working)
Hindi (Native or Bilingual)
Marathi (Native or Bilingual)

Certifications

MapR Certified Hadoop Developer
(MCHD)
Oracle Certified PLSQL 11g
Professional
Sun Certified Java Programmer
AWS Certified Developer - Associate

Honors-Awards

CoE Award
Outperformer of the Year
Hall Of Fame 2013
BT Recognition Award
Spot Recognition Award

Vikram Shinde

Google Cloud Architect | Data Engineer | DevOps | MLOps
Leeds, England, United Kingdom

Summary

Professional Cloud Architect and Data Engineer with a strong focus
on Google Cloud technologies, AWS and Python.

Over 18 years experience as a software engineer, tech lead and
cloud services specialist in the UK, India. Experienced DevOps/SRE,
background as Python developer and DW/BI specialist.

Rich experience in Healthcare, Retail and Public domain.

Ability to acquire new skills within short time scales, adapt to rapidly
changing work practices and build and maintain excellent working
relationships with colleagues.

Experience

The GMS Cloud Ltd
Google Cloud Architect / Cloud Data Engineer / DevOps / MLOps
April 2021 - Present (4 years 3 months)
United Kingdom

Providing Cloud Services which includes Architecting, designing and
implementing robust, secure, scalable solutions.
Also help organisations by providing data-driven solution.

Mastek Ltd
12 years 9 months

Google Cloud Architect | Google Data Engineer
December 2017 - April 2021 (3 years 5 months)
Leeds, United Kingdom

Project Name: MyMorri

Client: Morrisons, UK

Brief: Morrisons is one of the largest supermarket chain in United Kingdom.

MyMorri is the employee portal of Morrisons. It provides with convenience of managing the affairs of huge employee base of the company. Up-to-date infromation with respect to the employee schedules (Activity Planner), employment benefits and their Payslips.

The objective of the application is to synchronise user details from PeopleSoft with corresponding account in Google G-Suite (Apps for Work), creating and suspending account for starters and leavers and changing specific details like location and job titles as these change in PeopleSoft.

Technology: Google Cloud Platform, G-Suite, Python, Flask, React.js.

GCP Services used: Cloud Run, Cloud Function, App Engine, Compute Engine, Storage, Datastore, Firestore, BigQuery, Pub/Sub, IAM, Service Accounts, Cloud Tasks, Cloud Operations Monitoring & Loggings, End Points, Dataflow.

Key Responsibilities and Achievements
- Architecting, automating and supporting a highly-available distributed system running User Provisioning solution in Google Cloud, serving 150K active users.
- Worked closely with customers, internal staff and other stakeholders to determine planning, implementation and integration of system-oriented projects.
- Created enterprise data warehouse (EDW) to maintain centralised database for

analytics across organisations.
- Implemented end-2-end solution of real-time streaming data processing of Morrisons's sales forecasting using Dataflow, Pub/Sub, BigQuery
- Migrated existing legacy Monolith application into Google Cloud micro-services.
- Reviewing costs and control mechanisms on the infrastructure.
- DevOps/SRE activities for dozens of deployments across the organizations.
- Responsible to build Google App Engine Service Framework which is used to create services in Python which will have Automated Testing, Continuous Integration and Continuous Delivery.

DevOps Engineer
July 2017 - December 2017 (6 months)
Croydon, United Kingdom

Project Name: Home Office IPT Programme Caseworking

Client: The Home Office , UK.

Brief: The IPT government programme is transforming UK's Visas, Immigration, Enforcement, Asylum and Case working capability and delivering much improved service and experience for its global users (180+ countries) and stakeholders for years to come.

As a ELK developer, I was responsible for creating Operational Dashboard for Live service team. The Kibana dashboard shows the real-time status of the number of files processed at each phases of the Caseworking application. It also shows health of system when integrating with various interfaces of different environments.

Technology: AWS, Docker, Kubernetes, Jenkins, Terraform, Elastic Stack (ELK) 5.4.

Role: DevOps Engineer

Key Responsibilities and Achievements
- Researched and identified new technologies and tools helping to grow the agile development environment.
- Designed End-2-End pipeline for DevOps in AWS using Jenkins, Terraform, ELK.
- Discussion with Principle Architect about the design of the system.

DevOps Engineer / Data Engineer
March 2015 - July 2017 (2 years 5 months)
Leeds, United Kingdom

Project Name: Secondary Uses Service

Client: National Health Services (NHS), United Kingdom

Brief : Secondary Uses Service (SUS) is a huge data warehouse system built as part of the BT Spine program. It is a central repository of clinical data obtained from NHS health care providers.

SUS warehouse with a massive size of 80TB is currently built to support 9000 concurrent users, Providing online access to rich functionality set including BI, Adhoc-reporting and data extracts. On peak SUS is capable of processing 165 million transactions over 350 different organizations to create standard and bespoke reports.

The Payment by Results(PbR) is the tariff based payment system that has transformed the way funding flows around the NHS in England. PbR is one of the complex subsystem of SUS which stores electronic medical records of England's 50 Million plus patients. SUS data extracted, transformed and loaded into PbR Datawarehouse. All patient information is held securely as the PbR controls access to patient information.

Technology: AWS, Python
Role: DevOps, Senior Python Developer

Key Responsibilities and Achievements
- Worked with users to gather requirements and evaluate ease of use.
- Evaluated and improved development work of other developers on the team, working to provide training, constructive criticism and knowledge transfer.
Monitored automated build and continuous software integration process to drive build/release failure resolution.
Drove project lifespan from concept to final rollout in agile development, system deployment, testing and monitoring for AWS services.
Design and management of development environment using Vagrant, Virtual Box
System, Infrastructure monitoring using OMD/Nagios
Application Monitoring with Splunk/Logstash/ ELK

Implemented innovative ChatOps solution for automatic restart/ build / deploy using Hubot

Senior Software Engineer
September 2012 - February 2015 (2 years 6 months)
Leeds, United Kingdom

Project Name : British Telecommunication – Spine Services

Client :National Health Services, United Kingdom

Technology: Oracle Warehouse Builder 10gR2, Oracle Pl-SQL, Java Spring (Batch Framework),Business Objects XI R2, XML, XSLT

Role: Senior Service Analyst

Key Responsibilities and Achievements :
- Incident analysis & resolution within defined SLA's.

- Problem analysis & resolution. Defect analysis & resolution.
- Post-LIVE maintenance releases.
- Effort estimation and impact analysis.
- Change analysis & implementation.
- Making delivery as per the agreed timeline
- Agreement with client on scope, efforts and timeline
- Adhering to ITIL processes. Adhering to the Security Policy.
- Communicate with onsite team/client to understand the requirements.
- Mentored peers and co-workers to understand the reporting framework.
- Complete working in projects adhering to Agile methodology. Working in Sprint, Scrumban and Kanban methodology. Create EPIC and stories to achieve sprint wise milestones.
- Conducted code reviews and release document reviews for new team members
- Manage junior developers to ensure sprint deliveries are delivered within agreed time-scales

Senior Software Engineer / Service Support Analyst
November 2010 - September 2012 (1 year 11 months)
Leeds, United Kingdom

Project Name : British Telecommunication – Spine Services

Client :National Health Services, United Kingdom

Technology: Oracle Warehouse Builder 10gR2, Oracle Pl-SQL, Java Spring (Batch Framework),Business Objects XIR2, XML

Role: Service Support Analyst

Key Responsibilities and Achievements :
- Incident analysis & resolution within defined SLA's.
- Problem analysis & resolution. Defect analysis & resolution.
- Post-LIVE maintenance releases.
- Effort estimation and impact analysis.
- Change analysis & implementation.
- Making delivery as per the agreed timeline
- Agreement with client on scope, efforts and timeline
- Adhering to ITIL processes. Adhering to the Security Policy.
- Communicate with onsite team/client to understand the requirements.

Software Engineer

August 2008 - October 2010 (2 years 3 months)
Mumbai Area, India

Project Name: British Telecommunication – Spine Services

Client : National Health Services, United Kingdom

The Spine supports the NHS in the exchange of information across national and local
NHS systems. It connects clinicians and patients to essential national services including
the Electronic Prescription Service, Summary Care Record, e-Referral Service and Demographics.

Technology: Oracle Warehouse Builder 10gR2, Oracle Pl-SQL, Java Spring (Batch Framework),Business Objects XI R2, XML, XSLT

Role : Support Lead/Software Developer

Key Responsibilities and Achievements :
- Ticket resolution
- Understanding new change request.
- Planning and assigning work.
- Efforts estimation.
- Coding.
- Reviewing developers' code after development.
- Impact analysis for change controls.
- Monitoring Development progress and reporting the same to Project Manager.
- Perform sanity checks on Deliveries.
- Ensure timeliness of delivery.
- Coordinating with the client for clarifications.
- Providing technical solutions to the implementation teams' Offshore.
- Defect analysis and coordinating with BA's and developers for resolving the same.

MSEDCL
Software Developer
July 2006 - August 2008 (2 years 2 months)

Project Name: LTBS - Low Tension Billing System

Client: Maharashtra State Electricity Distribution Co. Ltd.

Brief: MSEDCL distributes electricity to 11 millions consumers across the State except Mumbai. Purpose of LTBS is to migrate the legacy system developed in foxpro and cobol to Oracle 10g for faster processing to avoid delays in generating bills for consumers which in turns generates more revenue.

Technology: Oracle 10g PL/SQL, Oracle 10g Forms/ Reports, Java.

Role: Software Developer

Key Responsibilities and Achievements :
- Reviewing the Old Legacy System.
- Design and structuring the Staging area for Migration.
- Preparing HLD and LLD related to Client Requirement.
- Analyzing bottlenecks of Migration
- Resolve development issues.
- Prepare Program Specifications.
- Prepare Unit Test cases.
- Coding.
- Review piers code after development.
- Impact analysis for change controls.
- Perform sanity checks on Deliveries.
- Ensure timeliness of delivery.
- Coordinate with the client / BA for clarifications.

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Education

Maharashtra Institute of Technology
Bachelor's Degree, Computer Science · (2001 - 2005)

RYK college Nasik
Higher Secondary Education, 2001, Science · (1999 - 2001)