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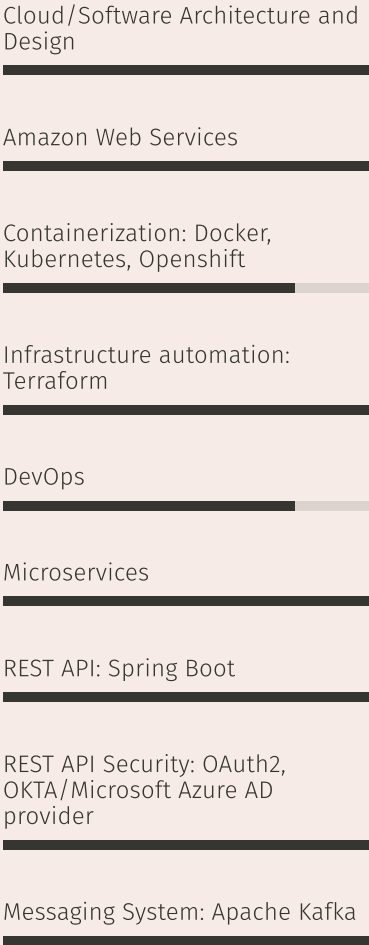


aakash.kumar1980@yahoo.co
m



Plot No 8, 1st Floor, Sai Subah
Phase 2, Sanjeevani Nagar,
Jabalpur, 482003, India

SKILLS



LINKS

Linkedin:

https://www.linkedin.com/in/aakash-kumar1980/

PERSONAL DETAILS

Date of birth

09/November/1980

Nationality

Indian

Visa status

H1B Petition Approved

Marital status

Married

Aakash Kumar

CLOUD / TECHNOLOGY ARCHITECT

ABOUT ME

Cloud/Technology Architect with 15 yrs experience in AWS, DevOps, and Spring Boot Microservices.

CERTIFICATIONS

AWS Certified Solutions Architect – Associate

Jan 2021 - Jan 2024

https://www.credly.com/badges/0efb08d5-45ed-4c81-ae7f-a01d860bc00f?source=linked_in_profile

WORK EXPERIENCE

Technology Architect

Infosys Limited / Pune, Maharashtra, India / Aug 2016 - Present

- Leading a digital transformation of legacy application to the new Microservices landscape with Kubernetes Containerization and AWS Cloud Enablement.
- Created CI/CD DevOps deployment pipeline using Git, Nexus OSS, Jenkins/Travis CI, and Ansible to deploy the application artifacts to Kubernetes Containers i.e. Openshift.
- Spearheaded the design and implementation of the Microservices project using the Domain-Driven Design(DDD), Aggregates, Event Sourcing, CQRS, SAGA in conjunction with Kafka event streaming, Splunk for logging, Zipkin for tracing, Dynatrace for monitoring, etc.
- Implemented the security layer on REST Webservices using OAuth2 and OKTA Authentication on the API Gateway layer.
- Created High-Level System Architecture, Logical Architecture, Integration Architecture, Security Architecture, Deployment Architecture, and Low-Level Implementation Design.
- Did memory profiling using JProfiler and achieved extensive Performance Optimizations by fixing the database queries/table indexes with the help of query execution plans.

Lead Software Engineer

Trimble Mobility Solutions India Pvt. Ltd. / Pune, Maharashtra, India / Oct 2011 - Aug 2016

Worked on a telematics GPS product that is used to track the vehicle's live location and compute metrics like ETA, TAT, and Reporting.

- Designed and developed a system for handling large-scale streaming data using JBoss Netty 3 Sockets and JBoss Hornet Queue.
- Designed and implemented a Complex Events Processing (CEP) module to develop an Alerting System like overspeeding alerts, Consignment Dispatch alerts, Consignment Pre-Delivery alerts, Accident Prone Area alerts, etc. based on the streaming GPS data.
- Implemented the Batch Processing module for various system critical data using Java 5 Executors framework.
- Developed complex algorithms in the SQL Server Database using the Stored Procedures.

Senior Software Engineer

BNP Paribas India Solutions Pvt. Ltd. / Pune, Maharashtra, India / Apr 2009 - Oct 2011

- Worked on UI development using ExtJS 3 UI Framework.
- Worked as a Java Developer in the Java 5 and Struts 2 framework.

Software Engineer

KPIT Cummins Infosystems Ltd. / Pune, Maharashtra, India / Dec 2006 - Dec 2008

Worked on the Java 5 module for the promotions section of the e-commerce website.

EDUCATION

Bachelor of Technology

Dr. Babasaheb Ambedkar Marathwada University / Aurangabad, Maharashtra, India / 2002