# **Greeting**

Hallo - It's really great that you are Checking out my profile.

That means we are exploring some Great opportunities.

I encourage you to Look at the  $\underline{\text{Technical Skills}}$ , Which over the period of 10 Years I have acquired.

Still Here..

Do you Want to Check out My Previous engagements ...

Over the Years I have seen Technology Evolve which, fortunately I was able to adapt and thrive with.

Not only the Technical Evolution, the understanding of Business and Function domain is essential - Every one in the Team brings a Different perspective,

Some things that may be Interesting.

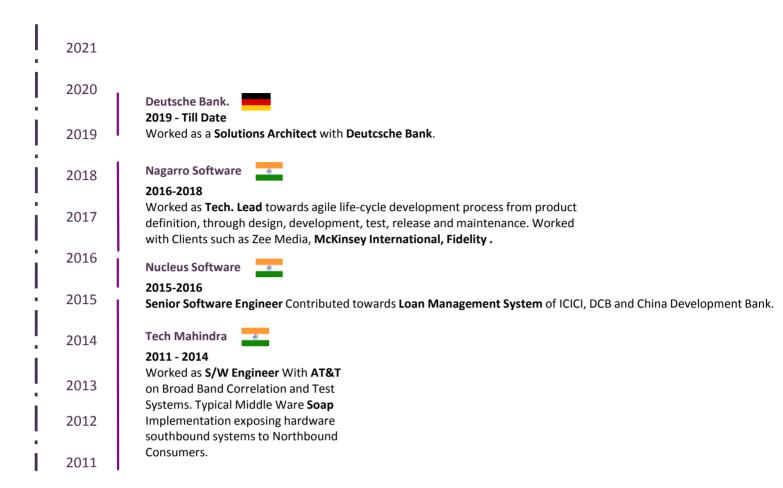
**Location -** Frankfurt, Germany **Work Permit -** EU and Germany **Reachable -** mail.akash.on@gmail.com **GITHUB -** https://github.com/Akash-Mittal

Let's Speak some time. Shall we?

### **Tech Stack**

- 1. Java: Core and Advance Collections Threading et al.
- 2. Database: Oracle, MYSQL, MONGO DB.
- **3. Springs**: AOP, IOC, MVC, Batch, Boot, Security, SAML, Integration.
- 4. ORM: Hibernate.
- 5. Cloud: AWS, AWS EC3, HEROKU.
- 6. API: Swagger.
- **7. SSO:** Open SAML 2.0, SP Initiated SSO, Shibboleth, PING Federate.
- 8. Web Services: Springs Rest and Soap.
- **9. Data Structures and Algorithms:** Stack Queues, List, Set, Map, Tree et al.
- 10. Design Patterns: GOF and SOLID.
- 11. Source Control: GIT, SVN.
- 12. Indexing and Searching: Apache Solr, Apache Lucene.
- 13. Performance: Garbage Collection, Performance Tuning.
- 14. Testing Framework: JUNIT
- **15.** Code Coverage: Eclemma , Sonar.
- 16. JMS: Apache Active MQ, Web logic, IBM MQ.
- 17. SCRIPTS: Java, Shell (Bash and Korn).
- 18. BUILD: Maven, ANT.
- 19. SERVERS: Apache Tomcat 7.x, Web Logic 12 C
- 20. EIP: Apache Camel and Mule ESB.
- **21. CI**: Jenkins and Travis and TeamCity.
- **22. TOOLS**: Eclipse, Toad for Oracle 9.7.2, Altova XML Spy. ,Oracle J Developer.
- 23. UI: CSS, Jquery, JSP, HTML.
- 24. Analytical Tools: Pentaho and Splunk.
- 25. Load Balancer: HA Proxy.

#### **Previous Partnerss..**



#### Deutsche Bank.

Wednesday, July 10, 2019 1:12 PM



Domain – Banking.Designation Solutions Architect.Period 2019-2019

This is challenging yet fun role. Part of Centre of Excellence (COE) team here handling multiple projects. The Key responsibilities is to work on migration of legacy based COBOL and Mainframes to our latest Cloud based Micros Services, Built Highly Scalable, Cloud Based Micro Services & POC with different set of technologies.

- Loosely coupled Architecture with Kafka and AMQP Streams
- Google RPCs A new way of creating Fast and Secure RPCs.
- Intercommunication among Micro Service Architecture.
- Implementing ELK (Elastic /Logstash/Kibana ) Stack in Highly Concurrent Environment with > 1 TB of logs produced from different source and of different type.
- Worked on Highly Concurrent Systems with Different kinds of Entities Locking Mechanism like Optimistic / Pes. Locking.
- Connection Pooling(Hikari/Apache) of Different Databases
  Mongo DB / Oracle / H2.
- Containerization Docker and Clustering with Kubernetes.
- AWS Cloud umbrella from Dev to Prod with EC3,Lambdas et al.
- Continuous Integration With Jenkins on AWS.

Built Complete Deployment Life Cycle on Cloud from Checking In the Code till deployment to Different Environment.

Some of the accomplishments - was to create "You Build It You own it" project teams and applications. Creating Complete devops pipe line with "One Click deployment" focusing on frequent production releases.

#### **Nagarro Software**



Turnover \$ 260M

**Designation** Associate Technical Lead.

Period Feb2016-June2018(2 Years & 4 Months)

**Business Model** Service Based.

Clients Worked With Zee Media, McKinsey International, Fidelity

Worked as Owner and Contributor towards agile life-cycle development process from product definition, through design, development, test, release and maintenance. Nagarro has different clients, which in a capacity of Consultant were delivered.



Client Name: Fidelity International.

**Domain** Banking and Foreign Exchange.

**About Project** Contributed towards the development of a Integration Layered Project which runs through Foreign Exchange from Northbound to Southbound.

**Period** 8 Months

# **Technologies**

- Core Java and Web Services
- Spring, Spring Boot, Hibernate Framework
- Integration Framework Platforms Apache Camel Spring Integration Framework.
- Application Deployment with the Open shift Platform
- Micro Services, Docker Container, Cloud API/Platforms
- Messaging solutions IBM MQ
- Oracle With PL SQL
- SWIFT MT30X and MT54X Protocols.

#### **Role and Responsibilities**

- Worked in the Capacity of Technical Lead working Closely with Architect
  - Migration of Current IBM MQ application towards Spring Boot based Micro Service

Architecture.

- With Zero Functional or Business Impacts.
- Challenging Role requiring Eye for detail ,Language Agnostic Mindset and Technical Know how.
- Requirements Analysis and Gathering with Client Facing Role.
- SPOC for the Development and Implementation of Technical Modules.
- SDLC lifecycle stages, Change management, Product management Including Versioning, configuration management
- Collecting requirements from Business users and translating into functional design, technical design.
- Agile methodology development
- Work in a Global Delivery Model with Cross Functional Teams



Mckinsey International

**Domain** Insurance.

**About Project** Application with UI and Spring Rest services integrated with SSO. It is used by Insurance Agents.

**Period**: 8 Months **Role**: Developer

# **Technologies**

Advance Java, Spring Boot, Spring Integration, Springs REST SWIFT Open SAML Spring SAML Shibboleth.

#### **Role and Responsibilities**

- Branching and merging,
- Refactoring Code bases
- Pair-programming
- API and Business Documentation
- F TDD/BDD
- Unit testing and Code coverage
- Automation
- CI/CD (Jenkins, Maven)
- Debugging and Performance Improvements
- Integration Company Wide SSO using SAML 2.0, OAUTH 2.0,LDAP, Active Directory.

Working on servers deployed on Solaris OS.



Zee Media – Ezmall.com

**Domain** Ecommerce

**About** Project: Project involved developing and maintaining an Ecommerce portal.

**Technologies** Advance Java Streams et al, Spring Boot, Apache Solr, Vertex.io Bootstrap JS, Elastic Search With ELK Stack.

Time 18 Months (1.5 Year)

**Role** Contributing towards Micro Services Based Service Oriented Architecture.

#### Role and Responsibilities It's a Challenge to Summarize!

- Upcoming startup.
- The Whole Architecture has High Availability of 2 9's Aka 99.99. Some of the most challenging assignments.
- Worked and Developed Mission Critical Rest Services including Payment Gateways, Customer Wallet and Search Engine.
- Implemented New Features and Maintain Functionalities.
- Delivering iterative improvements to realize a product vision on schedule
- High-performing, maintainable code while iterating and shipping rapidly
- Replace legacy components with smaller, easier to maintain microservices
- Stakeholders Collaboration across Design, Product Management, and Engineering
- Develop and document REST APIs
- RESTful micro service architecture in Cloud Native ecosystems.
- Experience with AWS and Kafka Messaging system
- SQL databases and Leveraging test driven development technics
- Agile operating models
- Improve performance of existing systems
- UI features and Re factor existing code using Java, ReactJS, NodeJS.
- Monitoring and Alerting systems
- Experience with relational (Oracle) and non relational databases (MongoDB, Hadoop, etc)

# **Nucleus Software.**



**Designation** Senior Software Engineer.

**Period** 2015-2016

Contributed to the **Loan Management System** of ICICI, DCB and China Development Bank. Worked on Integration layer managing centralized Customer data and business flow.



Development Credit Bank Mumbai.

Domain Banking.

**About the Client** DCB Bank Ltd. is a private sector scheduled commercial bank in India. It has a network of 160 branches and 370 ATMs in the country.

Time Line 3 Months.

Role Lead developer and Owner.

Team Size 4.

**Technologies** Advance Java, Activiti BPM, MSQL, Oracle, SVN, Spring MVC, Spring SOAP, Maven, Linux.Spring MVC and Web services, JAXB, Hibernate, Oracle, Tomcat, Jetty, Apache Camel, Maven.

Working on the Integration Layer which interacts with two very big systems CAS and LMS.

# **Delivered GCD(Global Customer Demography)** in Integration

Layer

Time Line: 3 Months.

**Role**: Lead developer and Owner.

Team Size: 4.

- Centralized database for all customers.
- A Customer is created in GCD system when the CAS moves from KYC to DDE.
- CAS accesses GCD via Integration layer.
- Integration is exposed through SOAP web services.

# **Delivered GCC(Global Customer Collateral)** in Integration Layer **Time Line** 2 Months.

Role Lead developer and Owner.

Team Size 4.

- Centralized database for all the COLLATERALS.
- Collateral is created in GCC system when the CAS moves from Credit Approval to FI.
- CAS accesses GCC via Integration layer.
- LMS and CAS use this data for reporting and fraud management.

# **Delivered Customer Dedupe In Integration Layer**

Web services for performing duplicate customer check on various parameters and returning the data to CAS and LMS on weight age basis

Time Line Continuous.

**Role** Lead developer and Owner.

Size 4.

 GCD Finacle It is exposed web services for GCD systems used by Infosys Finacle system.

POCs Worked on different POC for Pre Sales and BS Groups.

#### **Tech Mahindra**

# Tech Mahindra

Worked With AT&T on Broad Band Correlation and Test Systems. Typical Middle Ware Soap Implementation exposing hardware southbound systems to Northbound Consumers.

# **Job Responsibilities**

- **0.** Own the full life-cycle development process from product definition, through design, development, test, release and maintenance.
- **1.** Leverage in-depth technology skills and experience in delivering complex software projects.
- 2. Providing Estimates for Work Packet/Module.
- **3.** Coordinating with the Support / SA / Quality / Testing Team and PMOs.
- **4.** Code debugging and dump analysis.
- **5.** Providing input for Technical Documentation [BR/HLD/AD/Test Plan].
- **6.** Interacting with the internal/external stakeholders for weekly operations review and maintaining the team dashboard.
- 7. Validating Code Freeze.
- 8. Performance Testing using Apache JMeter/SOAP Ui.
- **9.** Performance testing [Sanity/Regression / Integration / E2E etc.] and Application tuning.
- **10.** Environments Management IT/ SIT / ST/PROD and Data/Server Migration.
- **11.** Closing Defects/Bugs on Jira with SVN Revisions.
- **12.** Working on POC s for client and internal teams.
- 13. Analyzing and Optimizing SQL queries.