

MOHSIN KHURSHEED

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Enthusiast Technical Evangelist with successful accomplished span of 11+ years, with extensive work exposure in varied set of domains such as **eCommerce, Project Management, IOT, Banking, Education, Telecom & BAAS.**

ACHIEVEMENTS:

- Received **Best Team Player** in 2010 within **AT & T** for continuous & effective team spirit.
- Nominated **Star Performer** in 2012 within **Symantec** for working the extra mile.
- Received **Best Team Performer** in **CMS Labs** in **2014 & 2015.**
- Successfully Delivered End to End Business Solution within AT & T with less than 5 % bug report.

EXPERIENCE:

Freelancer
July'17 -

Technical Consultant

Responsibilities

- Provide consultation to various enterprise solutions.
- Devise possible technical assessment towards latest technologies, to give the most viable solution / implementation.
- Initiate initial ramp up & team setup.
- Provide Engineering Solutions & SOW.
- Build Scalable & Reliable Systems across the multiple domains.
- Mentor & guide teams

Projects:

1. Smart Edu: An online study & classroom system to cater students across Netherlands, the application devises the best reading material for the students & based on the level of interests & understanding drives to challenge them further with smart algorithms using Artificial Intelligence & Machine Learning, with few of the deep learning techniques written with Tensor-flow

Responsibilities: Design the initial architecture for the system, manage the technical aspects for the envisioned system, considering the future scope, define implementation as an Individual contributor, interact with stake holders to discuss future strategies.

Technologies : The application relies on Java with exposed micro services over Spring Boot & Spring Streams for data injections, data consumptions are done by Azure EventHub & Kafka at some places, the AI / ML algorithms written are being run over Python & the data analytics are being run over Python & R while as application analytics are run over Azure

2. MAN Diesel & Turbo : IOT driven product application to manage the servicing & health of hardware resources deployed across the globe, via a cloud gateway

Responsibilities: Design the initial architecture for the system, manage the technical aspects for the envisioned system, considering the future scope, define implementation as an Individual contributor, interact with stake holders to discuss future strategies.

Technologies : The application is primarily developed in Java/ Scala with firmware managed via C/C++ & devise analytics using Python & R over polyglot eco-system to adhere with event driven development

Wipro Digital
Jan'17 - July'17

Technical Architect

Responsibilities

- Evaluate various technologies w.r.to the IOT domain, and devise proof of concepts to define their efficiency as per the expected.
- Design the overall system architecture & design while adhering to loose coupling, event driven methodology and micro-services approach.
- Devise set of complex algorithms for predictive & streaming analytics.
- Cater consultation for product enhancements & identify technical feasibilities/ constraints.

Projects:

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Responsibilities: Design the initial architecture for the system, manage the technical aspects for the envisioned system, considering the future scope, define implementation as an Individual contributor, interact with stake holders to discuss future strategies.

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Calance Corporation(Apigee-Google)
Feb'16 - Dec'16

Technical Architect

Responsibilities

- Establish the initial design & architecture to setup the system in place.
- Understand & articulate solutions for M2M & IOT platforms
- Identify & understand the complex problems and cater solutions for the same.
- Manage the team members & mentor them.
- Identify the set of tools & technologies to solve the business expectations with optimum technical solutions.
- Implement end to end modules such as Activiti BPM integration & Notification System.
- Co-ordinate with Business Team & occasional client interactions to understand the Business needs.

Projects:

1. Apigee : Adding the smart services functionalities to an existing API management & gateway, to enhance the capabilities of Apigee to the next level with Machine Learning.

Responsibilities: Design the initial architecture for the system, manage the technical aspects for the envisioned system, considering the future scope, define implementation as an Individual contributor, interact with stake holders to discuss future strategies, supervise & mentor members viz. technical aspects & manage project goals & deliverables, set future goals & path

Technologies: The application is deployed over AWS earlier now moved to Google Cloud Platform as micro services developed in Spring boot, using apache Cassandra as the persistence store & elastic search for the instant search items, RabbitMQ for data integrations. Tensor flow has been applied to devise numerous smart algorithms to ease the usage of tool for non technical users & analyze the reports via multiple machine learning algorithms.

CMS Labs
Mar'12 - Feb'16

Technical Architect

Responsibilities

- Collaborate with Solution / Technical Architect to devise the system design & initial architectural implementation.
- Co-ordinate with Business Team to facilitate the technical solution for the open functional aspects / problems.
- Manage team members & track their efforts / efficiency.
- Define POC's for various technologies & tools.
- Work as Individual Contributor with Full Stack Development.

HCL Technologies
Oct'10 - Mar'12

Sr.Developer

Responsibilities

- Assist Technical Lead in High Level Design.
- Worked as part of the Development Team to achieve the specified deliverables in stipulated time.
- Perform Research & Development as part of the Pro-active program on new technologies such as Spring/RabbitMQ & Hibernate with detailed demonstrations.
- Involve in client engagements & interactions to understand their business requirements.

IAC Software's(Deployed at HP)
Jan'08 - Sep'10

Sw.Developer

Responsibilities

- Participate in software development as per the assigned work.
- Explore new technologies.
- Extensive exposure and work around RDBMS's.

SKILLS:

Operating Systems:	Linux, Windows, Mac.
Languages:	Java, Scala, Groovy, Python, Ruby, PHP, R, C#, JavaScript.
Frameworks:	Spring, Guice, Hibernate, OpenJPA, EJB, Joomla, Drupal, Entity Framework, Vert.x, Rx.Java, Akka, Spring Boot, MicroServices, Oracle ATG, Play, Django, Flask & Nodejs.
RDBMS DB's:	Oracle, MsSQL, MySQL, PostGre.
No-SQL DB's:	Cassandra, MongoDB, OrientDB, Neo4J, ElasticSearch, AeroSpike, InfluxDB, GraphQL, Tinkerpop, Gremlin, Kibana.
Web Services:	Axis2, Jersey, Restlet, CXF, Spring.
Version Controls:	Git, Svn, Github, Bitbucket.
Methodologies:	Agile, RUP, RAD, Waterfall.
Testing Tools:	Gatling, Restassured, LoadRunner, Mockito, Powermock, Cucumber, JBehave, JUnit, Selenium, TestNG, Spock, Jacoco, Cobertura.
Middleware's:	JMS, RabbitMQ, Spring Integration, Apache Camel, ActiveMQ, MuleESB, JBossFuse.
CI/CD's:	Jenkins, Hudson, Bamboo, Teamcity, TFS, SVN, GIT, Docker, BeanStalk, Kubernetes, Puppet, Maven, Gradle, ANT, Checkstyle, PMD, Linting.
Cloud:	AWS, Azure, Lambda, Google Cloud, CloudFoundry.
BigData:	Spark, Kafka, SoftwareAG's Apama, Apex, Netty, Eureka, Hystrix, Flume, Netflix OSS, Ribbon.
Cache:	Oracle Coherence, EhCache, MemCache, HazelCast.
OSGI:	Servicemix, Apache Aries, JCR, JackRabbit, Apache Sling, Felix, Karaf, CQ5.
UI:	Javascript, HTML, CSS, SASS, Angularjs, React, React Native, internJs, Bootstrap.

Servers: Tomcat, Jetty, Weblogic, JBoss.

Tracking Tools: Jira, Rally, MsProject.

QUALIFICATION:

- B.Tech -C.S (Punjab Technical University) 2004-08
- Spring Certification - Coursera.
- MCA - (Jaipur National University) 2015-17
- MBA - (Jaipur National University) 2017-18