Abdul
Architect Solution Architect

SUMMARY

• 15 years of proven experience in IT industry • 7 years experience as Solution Architect, 3 years of which in a position of Senior Architect • 12 years of experience in Java, Spring Boot, Micro Services and AWS, Google, Azure Cloud for deployment. • Worked with Ant and Maven and Gradle Build tools in Java. • Experience in designing, developing and overseeing the implementation of solutions that improve the stability, scalability, availability and latency • Expertise in steaming tools such as Kafka • Experience in MySQL, Cassandra, PostgreSQL • Automated environments setup for Developers, Staging for SQA and Production for customers • Extensive experience with Continuous Integration Tools like Jenkin, Hudson, circleci, TeamCity, Bamboo, GitLab and configuring CI/CD with unit test on builds • Experience with AWS API gateway, Lambda functions, Elastic Load Balancers, VPC, Security groups, Jump Servers, Route53, Cloud Watch and servers Auto Scaling • Worked with different Bug Tracking Tools like Remedy, Jira, ServiceNow and Clear Quest. • Ability in development and execution of XML, Shell Scripts and Perl Scripts. • Experience in cloud cost optimization, resources cleanup, automated services scaling based on load and ensuring latest security standards • Experience in linux/Unix Systems • Worked on SDLC Methodologies like Agile, Waterfall.

TECHNICAL SKILLS

Main Technical Skills	Java (12 yr.), Spring, AWS, SQL, Kafka
Programming Languages	Go, Java (12 yr.), PHP, Python, Ruby, Scala
Java Frameworks	Apache Spark, Hibernate, Spring
Scala Frameworks	Apache Spark
Python Frameworks	Django
Java Libraries and Tools	Java EE, JAX-RS, Jersey, JSON, RESTeasy
JavaScript Frameworks	Node.js
Scala Libraries and Tools	Scala SBT
PHP Frameworks	Slim
Data Analysis and Visualization Technologies	Apache Spark, Apache Spark Streaming
Databases & Management Systems / ORM	Apache Spark, Apache Spark Streaming, AWS Redshift, Cassandra, Firebase, Hibernate, Microsoft SQL Server, MySQL, MySQL Workbench, SQL
UI Frameworks, Libraries, and Browsers	HTML

Cloud Platforms, Services & Computing	AWS, Azure, Firebase, GCP, Harbor, RightScale
Amazon Web Services	AWS Aurora, AWS CloudFront, AWS EC2, AWS ECS (Amazon Elastic Container Service), AWS Elastic Kubernetes Service (EKS), AWS ELB (Amazon Elastic Load Balancer), AWS Glacier, AWS IAM, AWS Lambda, AWS RDS (Amazon Relational Database Service), AWS Redshift, AWS Route 53, AWS S3
Google Cloud Platform	GCE, Google Cloud Storage, Google Kubernetes Engine (GKE)
Deployment, CI/CD & Administration	Ansible, Chef, CI/CD, Jenkins, Puppet
Web/App Servers, Middleware	Apache HTTP Server, Internet Information Services (IIS), WildFly, Windows Server
QA, Test Automation, Security	Apache Maven
Third Party Tools / IDEs / SDK / Services	Apache NetBeans, Eclipse, Inflexion UI, IntelliJ IDEA, MatLab, Microsoft Visual Studio Code, Visual Studio
Scripting and Command Line Interfaces	Bash, Shell Scripts
Version Control	BitBucket, CVS, Git, GitHub, SVN
Operating Systems	Centos, Linux, RedHat, Ubuntu
Mail / Network Protocols / Data transfer	cURL
Message/Queue/Task Brokers	Kafka, RabbitMQ
Virtualization, Containers and Orchestration	Kubernetes, Terraform
SDK / API and Integrations	RESTful API
Logging and Monitoring	Splunk
File Systems, Storage	XML

EXPERIENCE

Senior Technical Lead Engineer at Siemens Industry Software Lahore

Aug 01, 2017 to till date
Description: Working on enterprise application that provides a console for the configurations of cloud applications through REST API's deployed on Spring boot on Kubernetes in the form of micro services, properly load balanced, Leading to Portal interfaces for IoT devices management. Docker Container Application management with configurations subscription/ publication.

Technical Lead Engineer at Mentor Graphics Lahore

Aug 01, 2015 to July 31, 2017
Description: Solely responsible for creating scalable asynchronous logging system using Cassandra & RabbitMQ Cluster. Design of system resource manager for authentication and authorization for all system resources. Code Reviews and Improvements in the existing developed projects. IOT Solution
for which I have worked as a pioneer member.

Senior Software Development Engineer at Mentor Graphics Lahore

July 01, 2013 to July 31, 2015
Description: Working on enterprise application that provides a console for the configurations of cloud
applications through REST API's deployed on JBoss hosted on Google Cloud managed by Right scale, properly load balanced, logging enabled with Rabit MQ and Cassandra(big data) . Ejabberd servers are for device communication. Reporting through Jasper Reports and Pentaho Data Analysis tool.

Senior Software Engineer at NorthBay Solution Lahore

Jan 11, 2011 to June 30, 2013
Description: Worked on many enterprise applications like TimeTrade, Kitara sky.net, REonomy, HonorVet, PAM, CookTesteEat, etc. and these applications are developed in Java Struts, IBM
Websphere, Codeigniter, Drupal, Ruby on Rails, Wordpress with database SQL Server 2008 R2,
MySQL 5+, Amazon RedShift & EC2.

Software Engineer at Histone Solution Islamabad

July 15, 2010 to Jan 08, 2011
Description: Developing online software solution using PHP, XML, Python Django, Curl, Json, HTML,
Hudson Job scheduling System, MySQL, SCP, Amazon web services, Cloud Computing on different
flavors of Linux.

EDUCATION

Bachelor of Sciences in Computer Science, BS(CS) (2006 - 2010)
National University of Computer and Emerging Sciences (FAST- NUCES) CGPA: 3.0

Higher Secondary Certificate (Pre-Engineering) (2003 - 2005) Govt.
Razvia Islamia Degree College Haroon Abad, Distt. Bahawalnagar Grade: A (72 %)

Secondary School Certificate (Science) (2001 - 2003)
Govt. High School Haroon Abad, Distt. Bahawalnagar Grade: A (77 %)

AWARDS & ACHEIVEMENTS

Outreach Scholarship
Fully Funded 4 years for BS at FAST NUCES (2006 – 2010) Issued By:
Ministry of IT, Pakistan