

# Zain Mansoor

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Backend Java Developer and Computer Scientist

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*Aspiring for career enriching assignments as Software Engineer preferably in an organization having multinational software development environment where I have opportunities to contribute my best.*

## EXPERIENCE

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### Ascertia PVT Limited

November 2017 – Present

#### Senior Software Engineer

- Primarily, the designation was to work in different paradigms of the microservices architectural based complete PKI solution ADSS in and with the passage of time I have got the opportunity to lead developer teams on routine basis in the same product.
- Took full responsibility in all aspects including arranging discussions with all stake holders, proper requirement analysis and understanding, development, resource management, documentation and delivery on time.
- Created and managed technical documents, Client SDK developer guides and release notes.
- Technical Key Areas
  - Worked on remote authorized digital signature service and done integration with signature activation module.
  - Integrated IDP/IAM for Authentication/Authorization for Remote Signatures using SAML and OpenID-Connect protocols.
  - Implemented ADSS Service that computes Hmac over provided hashes with software and HSM based keys, also implemented NPKD Service that is a part of ADSS e-passport solution with ldap integration.
  - Provided native signing support for Utimaco CP5 HSM using integration with driver library using JNI calls as an in replaced of standard PKCS 11.
  - Upgraded Tomcat, Hibernate and DBCP Connection pool to latest version in ADSS product.

### IQVIS

May 2016 – August 2017

#### Software Engineer

As Software Engineer at IQVIS, I started working on project IMARS developed using java, spring and hibernate. The aim of development was

- Produce Robust Application
- Write Generic & Optimized Code
- Manipulate best practices in SQL
- Project Performance

### Arcana Info

September 2015 – February 2016

#### Oracle Support Engineer

- Providing 24x7 support to clients
- Worked on projects POC's including Oracle Advanced Compression
- Oracle Restart to Oracle RAC conversion at Mobilink Pakistan – DBA
  - Deployment of Oracle Real Application Cluster on Oracle 2 x SPARC T5-2 servers
  - Grid Infrastructure Upgradation/ASM Migration from 11.2.0.3 to 11.2.0.4
  - Migration of Oracle database to Oracle RAC

### Diamond Group of Industries

March 2015 – August 2015

#### Oracle DBA

- Providing application and database support for Oracle EBS R12
- Providing database support for in-house legacy application system
- Cloning and Patching of Oracle Applications R12.1.3 and Oracle Database 11GR1
- Oracle Instance and Linux Kernel Parameters Tuning
- Health check-up and monitoring backup activities
- Refreshing test and UAT instances as needed
- Performing status checks by monitoring the Alert log, Trace files of the databases
- Self-Education and Improvement

## SKILLS

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- Programming Language: Java, C, C++, ASM
- Databases: MySQL, Oracle, PostgreSQL, MSSQL
- Frameworks: Spring Core, Spring Boot, Spring Security, Spring MVC, Struts, Hibernate, Hikari CP
- Java EE Stack: JPA, JTA, CDI, Servlet, JSP
- Technologies: Multi-tenancy, Microservices, SAML, OpenID-Connect, SSO
- PKI: Digital Signatures, CMS, XML digsig, PKCS1, PKCS7, PKCS11
- Servlet Containers: Tomcat, Undertow
- Operation Systems: Windows, Linux, Unix, Solaris

## EDUCATION

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### **COMSATS Institute of Information Technology Lahore**

2010-2014

Bachelors of Computer Science

### **Mansoora Model Degree College, Lahore**

2007-2009

Intermediate Pre-Engineering

### **Govt. High School, Lahore**

2005-2007

Matriculation

## REFERENCE

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References are available upon request.