

# MOHAMMED HANEEF

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## Professional Summary

A professional with 10 years and 02 Months of career in Software Development. Presently associated **with PRDC Pvt. Ltd., Bengaluru as Team Lead**. Gained significant experience in developing Web based Application on Java/J2EE platform.

## Competency Matrix

### Technical Skills:

Technologies	: Java1.6/Java1.7/Java1.8, J2EE/JEE, JSP2.2, Servlet4, JDBC4.30, JAXB, JMS, XML, XSLT, SOAP Web services, JUnit
Web Framework	: Spring 4.0, JSF 2.0
Software Engineering Methodologies	: Agile/Scrum Methodologies
Domain	: Energy/Power
Operating System	: Windows, Linux
Application Servers	: JBoss 6.1.0/JBoss 7.1 EAP Server, Apache Tomcat
Content Management System	: Apache Subversion (SVN)
HA Technologies	: Apache mod_jk
IDE	: MyEclipse/Eclipse
Databases	: Oracle, DB2, SQL and PostgreSQL

### Functional Skills:

- ➔ Programming with Java/J2EE technologies.
- ➔ Knowledge of Java and JEE technologies with **Java1.6/Java1.7, J2EE/JEE, Spring4.0, SOAP&REST Web services, Servlet4, JDBC4.0, JSP2.2, Ajax, XML, XSLT, JMS, SOAP Web services**
- ➔ Designing, developing, testing, trouble shooting and debugging of applications.
- ➔ Well acquainted with software development life cycle
- ➔ Communicating with all the involved platform QA teams and UAT team to ensure a smooth delivery on time during all the phases of testing and delivery.
- ➔ Coordinating with various client personnel, onshore & offshore for faster defect resolutions.
- ➔ Tracking progress against the schedule, and realign tasks to adapt to external schedule variances.
- ➔ Knowledge of database concepts, database stored procedures and functions

## Experience Chronology

**Since Jul'11 with Power Research and Development Consultants Pvt. Ltd., Bengaluru as Team Lead.**

### Academia

- ➔ B.E. in Computer Science from Visveraya Technological University in 2010. Secured 65.72% marks.
- ➔ 12th from Pre University Board Karnataka in 2006. Secured 66% marks.
- ➔ 10<sup>th</sup> from Karnataka Secondary Education Examination Board in 2004. Secured 80% marks.

## Key Projects Handled

### 1. R-APDRP/IPDS (Restructured Accelerated Power Development Reforms Programme) - Network Analysis

Client	: Power Distribution Utilities – India
Role	: Engineer- Software/Senior Engineer – Software/Team Lead
Tools Used	: Java1.6/Java1.7, JSF2.0, Richfaces3.0, Spring 3.1, Oracle 10G, DB2, SQL Server 2008, PostgreSQL, Ajax, JAX-WS Web services, JMS, MyEclipse/Eclipse, JBoss5.1.0 GA, SVN.
Duration	: 5 Years 9 Months
Team Size	: 16
Scope	: The aim of the program is to provide the IT infrastructure and base line data and hence bring down the AT&C losses in the power distribution sector in India. GIS based Network Analysis application helps in the study of network conditions and behavior under various conditions. It uses advance algorithms for calculating phase

imbalances, identifying low-voltage or overloaded sections, calculating section-wise loss levels and taking decisions on system optimization through network reconfiguration, capacitor placements and system improvement measures.

#### **Key Accountabilities:**

- ➔ Server side business logic development using J2EE.
- ➔ Development of back end business logic using Core Java.
- ➔ Writing SOAP compliant and RESTful Web Services to interact with other applications.
- ➔ Writing of code to invoke the C/C++ interface using Java Native Interface (JNI)
- ➔ Generation of HTML reports using JAXB, XML and XSLT.
- ➔ Preparing and executing the test cases and test data for the functional and integration testing
- ➔ Preparation of technical documents and supporting the client on various technical issues
- ➔ Training the new joiners

### **2. DDSS (Demand Dispatch Support System)**

Client : National Dispatching Center of Power System, Mongolia  
Role : Senior Engineer - Software  
Tools Used : Java1.7, JSP2.2, Spring Core, Spring MVC, PostgreSQL, MyEclipse/Eclipse, JBoss AS 7.1.1, SVN.  
Duration : 1 Year  
Team Size : 10  
Scope : It is developed to assist the Load Dispatch Center with daily scheduling and operational planning. The generation and load profiles are shown in a real time manner. It also helps in forecast of the load based on the available historical data and requirement of client. Forecasting models are based on the various techniques like regression model and time series model which are validated by curve fitting techniques to compare with historical data.

#### **Key Accountabilities:**

- ➔ Server side business logic development using J2EE.
- ➔ Development of back end business logic using Core Java.
- ➔ Writing of code to invoke the C/C++ interface using Java Native Interface (JNI)
- ➔ Preparing and executing the test cases and test data for the functional testing

### **3. Peak Load Management(PLM)**

Client : Alstom, Wipro  
Role : Senior Engineer – Software/Team Lead  
Technologies Used : Java1.7/Java1.8, JSP2.2, Spring 3.1, PostgreSQL, jQuery, MyEclipse/Eclipse, JBoss AS 7.1.1, SVN.  
Duration : 2 Years 6 Months  
Team Size : 6  
Scope : The objective of the project is to provide the web based solution addressing the needs of demand side management. It is one of the key aspects of smart grid movement in India. It aids the distribution company in effectively managing the existing infrastructure to meet the growing demand. Demand response or demand side management comprises of various techniques to encourage the consumers to manage their consumption. It includes programs like limiting the drawl limit of consumer, power reward programs, regulating peak tariffs etc. Peak Load Management is a product which facilitates all these techniques by integrating with meter data acquisition system

#### **Key Accountabilities:**

- ➔ Server side business logic development using J2EE.
- ➔ Development of back end business logic using Core Java.
- ➔ Generation of PDF reports using iText
- ➔ Preparation of functionality requirement documents

### **Personal Dossier**

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Date of Birth : 31<sup>st</sup> Oct 1988  
Languages Known : English, Kannada & Hindi  
Address : No.32/2, 3rd Cross Lhane, MD block Malleshwaram, Bengaluru -560032

**Preferred Location: Bengaluru**