

# Yanjie Li

Male (1979/6)

More than 15 Years on software Experience

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## Education Background

NJTU ( GEU Bachelor ) 1998-2002 Telecommunication

BUPT ( EAC Master ) 2010-2013 Computer Science and Technology

## Career Objective

Preferred location: Beijing

Job type: Full-time

Preferred industry: Software-related

## Self Assessment

Be conscientious in work and be competent for challenging work.

## Work Experience

**2014.02-now**

**Nokia**

**Senior software engineer**

Mainly involved in the development of mobile communication network management software products. During my tenure, I participated in many company code competition activities and won group awards. I am proficient in using English reading industry technology and communicate with foreign colleagues, and successfully completed the work delivered by my superiors.

Personal responsibility:

1. Participate in the development of wireless mobile communication network management software
2. Support on-site engineer customer problem tracker
3. Participate in skills training in teams, innovation to promote work efficiency.

**2005.09-2014.01**

**Metarnet**

**Software engineer & PM**

The main job included design and development of power network management software, and use the Spring, Struts, Ibatis and other Java framework technology to develop electronic operation and maintenance system, promote the paperless office process and achieve the relevant assessment tasks in the power grid company, the system has been praised by customers many times.

Personal responsibility:

1. Investigate on customer and write the requirement documents
2. Design and develop power network telecommunication management operation system
3. Training the user according to the user documents
4. Maintenance on-line system application

**2002.09-2005.09**

**Seven Star**

**Research & Development**

Mainly responsible for the construction of the company's internal network platform, the construction of the company's mail server and BBS forum, the creation of network printers, firewall isolation and other IT work, management company computer and network, responsible for the internal network security construction, and the development of automated test system

Personal responsibility:

1. Responsible for company network security management
2. Development of automated Testing System Software

## Project Experience

### 2017.05-now CA4MN (Nokia)

The CA4MN is abbreviation for Cognitive Analysis for Mobile Network in 5G, some of the unit comes from the NPO system which be the 4G Network Performance Optimized system. At present, the mainstream technologies such as big data, distributed and micro-service are adopted in the project.

My job:

1. Participate in sub project IDE.
2. Participate in sub project Ca4mn-gnb-ingester.
3. Gradle build 5G ingest project
4. Helm chart deploy the micro service.

### 2017.05-now NPO Platform (Nokia)

The platform in NPO include OS & Hardware parts, After the project was translate from Romania, I am in charge of this parts, HP hardware such DL380,DL480,DL580,etc. OS Redhat Enterprise Linux upgrade and development in RHEL6 RHEL7.

My job:

1. Shell to upgrade the OS and use shell to manage the Hardware partition and so on.
2. Monitor the OS vulnerary by Nessus and subscribe from RHN. Upgrade the OS schedule.
3. Install the new dependency rpm package for other software integrate into NPO system.
4. Take charge of find the RCA for customer tracker which response by site engineer.
5. Take part in the innovation project for upgrade the VUL smoothly by shell.

### 2016.05-2017.05 NPO Plug (Nokia)

NPO Plug also belong to NPO system development. CM Get the snapshot data from NE, such as NETACT, according to the meta data, parse the xml files to csv files, store into oracle database for AD front system.

My job:

1. Java develop the NetAct CM plug system.
2. Ant build the project, CI contribute.
3. Java UT test & Jenkins job build and Jacoco report

### 2015.05-2016.05 Octopus GIS (Nokia)

Octopus system is a small GIS collect system. Front use the leafleat js lib with SPA. Back-end use python to parse the data from NE. show map the enode station and some data of staton.

My job:

1. Develop the kazoo interface of python to persist the data
2. Front page GIS tuning.
3. Python UT test & Jenkins coverage report

### 2014.02-2015.06 SON (Nokia)

SON is the Self Optimize Network for mobile network communication. Front use the ExtJs fat client js framework. Back-end Java with Tomcat integrated. SON collect the alarm info from SAM NE, after artificial tuning, hand out work order message to NE, try to correct the NE no any alarms again.

My job:

1. Part of the front page develop on alarm exhibition.
2. Java with tomcat for alarm store into oracle database.
3. Java UT test & Jacoco code coverage in Jenkins.

#### **2013.01–2014.01 Bei Jing Power Batter Monitoring System (Metarnet)**

BMS belong to power network management, With SSM framework and jsp for a simple CRUD page to manage the power from each transformer substation. Collect the data of the battery and the alarm information from the transmission line. The data could be collected at a regular time and immediately.

My job:

1. Design and develop the BMS framework
2. Parse part of the battery data.

#### **2012.09–2013.01 Back-end batter collect system of MD power(Metarnet)**

#### **2011.01–2012.09 South Grid Telecom operation manager system(Metarnet)**

TMIS/TOMS is a kind of B/S OA system. and also are parts of the power communication network system manager. TMIS(Telecommunication Manager Information System)TOMS(Telecommunication Operation Manager System). There are several module integrated in the system. such as duty management module, system management module, workflow management module, desktop management module, etc.

My job:

1. Design and develop the workflow module, such as fault manage workflow, maintenance workflow.
2. The webservice interface to other NM to collect the data for workflow.

#### **2011.01–2012.01 Guizhou Power Telecom Manager Information system (Metarnet)**

#### **2010.01–2011.01 North China Grid Bill Charge System (Metarnet)**

The BCS is a B/S framework billing and charging system, which could be run in a local security network for toll man. Back-end with java collect the data of communication record, store into oracle database, according to fee rate which was set by the Front, generate the bill. The Front can design how to charge by telephone call or mobile messenger.

My job:

1. Front page design and development
2. Database tuning for large collect record. Partition and backup operation.
3. The system maintenance.

#### **2009.08–2010.01 Ningxia Power Telecom Manager Information System(Metarnet)**

#### **2008.07–2009.07 State grid TMIS (Metarnet)**

#### **2007.06–2008.06 Beijing Power TMIS(Metarnet)**

#### **2006.06–2008.06 Ministry of Public Security Gold Shield Project(Metarnet)**

#### **2005.08–2007.08 China Power Fei Hua Meter Collect System(Metarnet)**

#### **2005.05–2005.08 Integrated Sensor Collect System(Seven Star)**

The system is based on .net framework, collect sensor data, every 10 times use the average data store into MS-SQL database. Create report and print it out.

My job: Design system page, development & write code.

#### **2003.09–2005.05 Auto Collect System(Seven Star)**

## Personal skills:

Individuals in the project mainly accumulated the following skills, currently mainly using Java language development

1. RedHat Linux OS
2. Grasp database oracle, Mysql, Mariadb.
3. Grasp language Java, JavaScript,Html, CSS, VB,vb.net, python, yaml, C,C++, shell.
4. Grasp cvs、svn、clearcase, git,Jira, Mantis, etc. project manager software
5. Know well on ant, maven, gradle, etc. project build software
6. Know well on SpringBoot,docker,k8s,kafka,zookeeper,hadoop,etc. fashion framework.
7. Good use on promise,es6,jsplumb,leaflet,jquery,extjs,react etc javascript skills
8. Know well on jenkins,jira,gerrit,artifactory,etc.for Devops tools
9. Know little about mongodb,redis etc nosql DataBase
10. Know little on data warestore about hive hdfs.