## Vinay Kumar Mob No - +91 9519133737

## (Core Java, Multithreading, Java Swing, J2EE, Spring core, Spring MVC , REST Web service, Struts 2.x, Hibernate 3.x, JPA, ActiveMQ, IReport,MySql)

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## Professional Summary

* Senior Software Engineer with 9+ years experience in design, implementation of Object Oriented Applications Java & J2EE applications.
* Senior J2EE Application Developer with experience on Swing , Struts ,Web services(Restful).
* Strong Experience in Core Java & Multithreading based applications.
* Knowledge on Spring core, Spring ORM with JPA.
* Worked on inbound XML parsing using apache POI and SAX / DOM parsers and updating custom tables in database.
* Extensive experience in administrating , programming, deploying , configuring,fine tuning of middle tier popular Application Server like Apache Tomcat Server and JBoss
* Hands on experience on Hibernate 3.x.
* Experience in MySql Procedures , Function and Triggers.
* Exposure to web application with Struts MVC Framework with Hibernate 3.x using JPA as persistence layer.
* Extensively worked worked on tools such as TOAD for developing stored procedures & function.
* Experienced in client side designing and validations using HTML , Java Script,JSP,Servlet.
* Worked on open source technologies like Apache Ant , Maven & Git.

**Technical Skills**:

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| --- | --- |
| **Skills** | **Exp. In Months** |
| Core Java/Multithreading | **84** |
| Swing | **72** |
| Java J2EE | **60** |
| Struts 2.0 | 24 |
| Hibernate 3.0 | 24 |
| Jasper Reports | 36 |
| Spring core | 08 |
| RESTful Web Service | 06 |
| **Application Server** |  |
| Apache Tomcat 7.0 | 24 |
| Jboss Server | 08 |
| **Software Tools** |  |
| Net Beans IDE 7.2.1 | 48 |
| Eclipse Juno 4.2 | 24 |
| MyEclipse IDE | 12 |
| iReport 5.0,Jasper | 18 |
| IntelliJ IDEA | 08 |
| **Databases** |  |
| Mysql 5.5.1 | 48 |

# PROFESSIONAL EXPERIENCE:

**VirtusaPolaris Consulting & Services Limited Aug’19 – till date**

Senior Consultant-technology

**Project Title :** eScope

**Roles / Responsibilities**:

* Provide technical analysis for improving performance of application.
* Provide technical helps for application set up , configuration on development machine and configuring application servers and open source tools to team members.
* Involved in scrum and sprints using agile methodology as a team member
* Involved in designing and coding for enhancing & improving the application performance.
* Involved in writing JUnit test cases for Web Services
* Involved in technical analysis & writing confluence page for technical analysis
* Worked on client side cache for improving the application performance
* Participate in technical meetings with client.

**Technical Exposure:**

* Worked as Sr. Java/J2EE Technology developer at client location. The application includes core Java/Multithreading , Spring Core , Swing,Web Services (RESTful).
* Worked on consuming real time massage middleware tool Caplin.
* Developed new restful web services using Jersey JAX-RS .
* IDE used IntelliJ IDEA 2019 in development.
* Deployed sync server on JBoss server.

**Functional Exposure:**

* Since eScope application is a Finance Management Trading application used in trade booking and Showing all live trade booking information on GUI blotter screen.

**NIIT Technologies Ltd.**  **Aug’13 – Aug’19**

**Project Name:** CCTNS Offline ( Crime and Criminal Tracking Network and Systems)

**Environment:** H/W: Core i5 Proccessor O/S: Windows 7 S/W: Netbeans 7.4,iReport 5.1, JDK 1.6, Core Java/Swing, Multithreading , MySql 5.5, Jasper Report.

**Project Description:** This is swing application, which maintain the Indian police activities for National Crime Records Bureau, Ministry of Home Affairs, Government of India .

CAS State system will be implemented in the centralized architecture at the State Data Centers and support the remote managed client environment (at police stations) to work in online/offline mode.

(**Summary of functional details or discussion is restricted due to security reason. Open for technical discussion**).

Role: Senior Developer

Team Size -11

**Responsibilities:** Core member of the development team involved in the following:

* Requirements understanding from client.
* Designing ,Coding & Developing modules
* Testing & Bug fixing.
* Create database Procedure/function and trigger.
* Generate Reports using iReport tools.
* Involved with the database design.

**Project Name:** CCTNS Online

**Environment:** H/W: Core i5 Proccessor O/S: Windows 7

**Tools/IDE** : Eclipse Juno ,iReport 5.1

**Server : Tomcat 6**

**Java :** JDK 6 ,7

Language Used : Java, Spring MVC framework, Restful web services (JAX-RS 2.0), JPA, Active MQ, LDAP

**Database :** MySql 5.5

**Reporting** : iReport (Jasper)

**Project Description:** This is web based application for online version, which maintain the Indian police activities for National Crime Records Bureau, Ministry of Home Affairs, Government of India .

CAS State system will be implemented in the centralized architecture at the State Data Centers and support the remote managed client environment (at police stations) to work in online/offline mode.

Role: Senior Developer

Team Size -14

**Responsibilities:** Core member of the development team involved in the following:

* Requirements understanding from client.
* Designing ,Coding & Developing modules
* Testing & Bug fixing.
* Create database Procedure/function and trigger.
* Generate Reports using iReport tools.
* Involved with the database design.

**(a)-Extension Module :** FAR (Form & Registers)

**Client:** UPPTS(Uttar Pradesh Police Technical Services)

**Environment & Technology :** H/W: Core i5 Proccessor O/S: Windows 7 S/W: Netbeans 7.2,iReport 5.1, JDK 1.6, Core Java/Swing, MySql 5.5, Jasper Report.

**Module Description:** This is the part of extension module, designed for maintaining the all types of Form and Registers at police stations level .

Role: Senior Developer

Team Size -3

**Responsibilities:**

• Responsible for Application Designing  
• Responsible for database queries and information updates  
• Generate Reports using iReport tools

• Involved in the database design.

• Create database Procedure/function.  
• Unit Testing

# (b)-CAS Sync Utility : Synchronization Utility

# Client: NCRB,UPPTS(Uttar Pradesh Police Technical Services)

**Environment :** H/W: Core i5 Proccessor O/S: Windows 7 S/W: Netbeans 7.2, JDK 1.6, MySql 5.5,Sql Server 2008 .

**Technology Used :** Core Java (Swing ,Multithreading).

**Description:** Sync Utility is a multithreaded swing based application , basically this is used for bi directional data syncronization from more than 1500 locations (Police Station).

This utility is the heart of core application software. This utility replicate all offline police stations database(MYSQL) records to centralised server database(SQL SERVER 2008). It works both direction state database(SQL SERVER 2008) to police station database(MySql5.5)  vice versa.

Responsibilities:

• Responsible for Utility Designing .  
• Responsible for database queries and information updates  
• Create database Procedure / function .

**Tricornio Technologies**  **May’2012 – Aug’2013**

**Project Name:** MCS (**Metadata Catalog Services**)

**Client:** Geological Survey Of India ( Government of India ).

**Environment:** H/W: Dual Core O/S: Windows XP S/W: Eclipse Juno , JDK 1.6, Servlet 2.3, Jsp, XML , MySql 5.1,Web Service (Restful)

**Project Description:** This is web-based application, which maintain the geographical data for Geological Survey Of India . Use of Metadata Catalog Service (MCS), to stores descriptive information (metadata) about logical data items for Geological Survey Of India (GSI).An end User can easily get brief text details about the metadata details using MCS based on some attributes of the desired data.

**Use Services And API :-**

1 -Geonetworks Services(**MapServer 6.2.0 RC1**)

2- Openlayer map service.

**MapServer :** MapServer is a popular Open Source project whose purpose is to display dynamic spatial maps over the Internet. Some of its major features include:

• support for display and querying of hundreds of raster, vector, and database formats

• ability to run on various operating systems (Windows, Linux, Mac OS X, etc.)

• support for popular scripting languages and development environments (PHP, Python, Perl, Java, .NET)

• on-the-fly projections

• high quality rendering

• fully customizable application output

MapServer is a CGI program that sits inactive on your Web server. When a request is sent to MapServer, it uses information passed in the request URL and the Mapfile to create an image of the requested map. The request may also return images for legends, scale bars, reference maps, and values passed as CGI variables.

**OpenLayer s Map:** OpenLayer Map use for interactive searching through boundaries(Latitude and Longitude).

OpenLayers is a pure JavaScript library for displaying map data in most modern web browsers, with no server-side dependencies. OpenLayers implements a JavaScript API for building rich web-based geographic applications, similar to the Google Maps and MSN Virtual Earth APIs

# Parser using (Apache POI): Parser is a part of MCS.This utility used in uploading metadata (excel data to parse in xml).

**Role**:Developer

Team Size -6

**Responsibilities:** Core member of the development team involved in the following:

* Requirements understanding from client.
* Involved in designing and coding
* Set up deployment environment.
* Involved in writing web services using Restful, deployment configuration
* Involved in Testing & Bug fixing.

**Satyam Software solution Pvt. Ltd. July 2010 – April 2012**

**Project Name:** MID (**Minor irrigation Department Management System**)

**Client:** Government of India and State Government

**Environment:** H/W: Core i5 Proccessor O/S: Windows 7 S/W: Eclipse Juno 4.2,iReport 5.1, JDK 1.6 , Struts2.1, Hibernate 3.0, MySql 5.5, Ajax, JSP.

**Project Description:** The Minor irrigation Department(MID) of utter Pradesh is playing important role in creation of irrigation potential by providing private irrigation scheme on subsidized basis especially to the economically weaker section farmer .The Program(MID) is responsible for timely implementation of schemes at the village level.The major activity of the program and monitoring section is to update, document and maintain the recoed of physical progress of the schemes.

**Role**:Developer

Team Size -9

**Responsibilities:** Core member of the development team involved in the following:

* Requirements understanding
* Create high level design for the proposed solution
* Involved in database designing.
* Doing peer reviews of the work done by other team members, also responsible for getting all the review comments closed.
* Design and developed the workflow of the application using struts, hibernate.
* SIT/UAT Testing through out the application.
* Resolving SIT/UAT bugs for different modules.

Qualifications

* **Master in Computer Application (MCA) In 2009**

**College:** IEC College of Engineering & Technology Gr.Noida

**University:** Uttar Pradesh Technical University (UPTU), Lucknow, U.P, India.

* **B. .Sc** with Maths from **K.S.S Post Graduate College Ayodhya (Faizabad )** in 2006
* **Intermediate** from **U.P. Board** in 2002.
* **High School**from **U.P. Board** in 2000.

Personal Details

###### Date of Birth : 01/07/1986

###### Single/Married : Married

Contact Information

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