



## **Surajit Ray**

A-66 , DGS Society, Plot -6  
Sec-22 , Dwarka , New Delhi

Home: (+9111) 4551 7669

Cell: (+91) 98 7183 8911

Email : surajit@surajitray.com

### **Objective**

- To code for challenging projects in Java.
- To learn and research new programming techniques.
- To apply cutting edge concepts and techniques.
- To develop software that is maintainable, bug-free, scalable and extensible.
- To do all the above in a platform(OS) independent manner.

### **Computer Skills**

**Languages:** JAVA , PHP , JSP , RDF-OWL, Semantic WEB, HTML, DHTML, XML, CSS, JavaScript , ActionScript3 (Flash)

**Databases:** MySQL

**Operating Systems:** WinXP, Ubuntu Linux, OpenSolaris

**Software:** Word/PP/Excel , Netbeans, Eclipse, Avidemux, SQL Yog , CorelDraw, GIMP, Bryce 3D , Adobe Photoshop, Adobe Flash

**JAVA Based Libraries :** WEKA , Chemistry Development Kit (CDK) , JENA , Restlet , MySQL Connector, Smack API (XMPP chat) , Swing GUI, JOONE (Neural Networks)

### **Experience**

Chief developer of the Maxtox project – a toxicity prediction algorithm which works as a part of the Opentox Project (Opentox.org) and independently as a desktop application.

- The code was multithreaded and developed in Java.
- The models for prediction were developed using R (in Linux) and the RandomForest Package in R.
- The GUI was developed in Netbeans using SWING Components.
- The code is accessible in a REST interface providing a JENA generated ontology (in RDF-OWL)
- The REST interface was deployed on Apache Tomcat 6 (Glassfish 3 was also used during testing)
- API for Opentox developed in collaboration with four groups (from four countries - Germany , Bulgaria , Russia, India)

Chief developer of the RareIndianArt.com website.

- Modules developed in PHP
- CSS and Customized templates applied
- Integration with payment gateways done

### **Education**

BTech , Biotech

IIT Kharagpur – 2001

India