



## Objectives

- **Software Developer, Test engineer, Java Architect/Designer, Analyst/Developer or Technical Team member or Lead** role.
  - Permanent, temporary, Contract, project-term or consulting positions **ANYWHERE**,
  - Development of any automatic testing environment using **python, jython, java, c++**,
  - Challenging Intranet/Internet database application development projects, e.g. e-commerce.
  - Web development using advanced Java, XML,HTML/Servlets, JSP, JavaScript (etc) technologies.
  - Member of enthusiastic, collaborative and multi-disciplinary team.
  - Stimulating, innovative, informal and fun work environment.
  - Opportunities for on-going professional education.
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## Address

- **PRESENT ADDRESS**  
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  - **Permanent address**
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## Personal

*I was born in Barbil,India on 22nd july 1977. I pursued my bachelor degree in India and my masters in Pisa,Italy.My bachelor degree is in Computer Technology while I did my masters in Software Engineering with specialization in mobile networks.I am a native Punjabi as well as Hindi speaker but English is no less than a mother tongue for me as I studied only in English medium from childhood.I am an Indian National but currently I stay in Genova, Italy.*

*Other non-technical interests include:*

- ◇ Playing Cricket, soccer and Badminton( in fact i love playing any bat and ball game).
- ◇ Travelling and meeting new people is my passion.
- ◇ Doing social work and contributing positively for the development of the society gives me satisfaction.
- ◇ Music (classical and indipop) and films .
- ◇ Food especially Italian Pizza and Punjabi (North Indian type)




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## **Software Testing Skills**

### ***I can :***

- ◇ Check your software at module / unit / levels
- ◇ Clarify your software requirements specifications
- ◇ Devise your "black box", or "white box" tests
- ◇ Devise your functional test, manual test, automated test, validation test, verification test and system test procedures
- ◇ Devise your test data for your product
- ◇ Document your software tests and results
- ◇ Execute your functional test procedures
- ◇ Execute your manual,system,validation and verification test procedures
- ◇ Inspect your code specifications
- ◇ Inspect your program listing
- ◇ Make sure(not 100%) that your software is error free
- ◇ Resolve your problems
- ◇ Study your software specifications
- ◇ Use custom tailored test methods
- ◇ Use your software requirements specifications
- ◇ Verify performance of your software
- ◇ Write your test cases and procedures

### **Technical Expertise**

- Development of automated test environment to test system components.
- Software requirements analysis and design specifications.
- Familiar with UML . Worked with Argo UML and Together
- Specialized secure HTTP (web) server and servlet–engine design and development
- Database design: entity relationship, logical/physical, process modeling; CASE tools.
- Relational database analysis/programming against Oracle, MSAccess
- Graphical user interface and navigation design (examples).
- Cross–platform client/server application development on Windows
- Internet/intranet architecture, web transaction processing, proxies, security, etc.
- Advanced HTML, python, jython scripting , JavaScript and Java development.
- Familiarity with DOS, Win9x, WinNT/2K, RTOS ((SHARK) , and Linux platforms.

- Software testing, quality control and assurance.
- Technical and user documentation .
- End–user and developer training.

## Skills and Experience

- Extensive computing and information systems experience (1+ years).
- Skilled in strategic planning, market analysis and project budgeting.
- Familiarity with all phases of software development life–cycle (RAD).
- Strong leadership, interpersonal, and conflict–resolution skills.
- Excellent verbal and written communication skills.
- Innovative, dynamic, detail–oriented.



## Education

<p><b>MASTERS DEGREE</b></p>	<ul style="list-style-type: none"> <li>• International Masters in Software Engineering (2002)</li> <li>• at <u>The Scuola Superiore School of Advance and Doctoral Studies</u>, PISA, ITALY</li> <li>• 100 % Scholarship provided in a joint venture of <u>Scuola Superiore Sant Anna</u>, <u>MARCONI</u> , <u>Engineering Informatica</u> and <u>Indo Italian Chamber of Commerce and Industry</u></li> </ul>
<p><b>BACHELOR DEGREE</b></p>	<ul style="list-style-type: none"> <li>• <u>NAGPUR UNIVERSITY</u> at; <u>M.I.E.T</u>, NAGPUR, INDIA <ul style="list-style-type: none"> <li>– Bachelor of Engineering (1996–2000)</li> <li>– Specialization: Computer Technology</li> <li>– Result: First Class</li> </ul> </li> </ul>
<p><b>HIGHER SECONDARY</b></p>	<ul style="list-style-type: none"> <li>• BOMBAY DIVISIONAL BOARD, INDIA ( 1994–1996)<u>RUIA junior College</u>, BOMBAY, INDIA</li> <li>• <u>best junior college of bombay and among the top ten in INDIA having the best laboratories</u></li> <li>• Result: 79% in physics , chemistry and maths</li> </ul>
<p><b>PRIMARY AND SECONDARY SCHOOL EDUCATION</b></p>	<ul style="list-style-type: none"> <li>• St. Mary's School, Barbil, Orissa, INDIA (1981– 1994)</li> <li>• Passed <u>I.C.S.E</u> with 88.16% in 1994</li> </ul>



## Employment History

PYthon, Jython, Java, C++ Developerans SOFTWARE TEST ENGINEER | Senior Java Trainer | Device Driver Development |

***PYthon, Jython, Java, C++ Applicatiopns Developer – MARCONI MOBILE***  
Genova, Italy (since july 2002)

Responsibilities:

- Developing an automated test Framework using Jython
- Developing application in java SWINGS for automatic testing environment;
- Analysing the System API written in C++ and java and provide a JYTHON Wrapper for the API
- Build special-purpose Java development environment modules and tools.



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***Senior Java Trainer – St. Angelos Computer Centre.Bombay, India , ,Bombay, India (2000–2001)***

Responsibilities:

- Providing training in java,C++ and C to young graduates
- Analysing the course ware
- Implementation of web applications utilizing advanced HTML, JavaScript, Servlets, JSP, Java;



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***Device Driver Development –> Quicksucess.com Associates***  
Bombay/Hyderabad, India (august 2001...October 2001)

This company provides training specially in Device Drivers to its clients in Bombay and Hyderabad in India

- Developing Device drivers using C and on Compaq tru64 O.S and simultaneously providing training to professionals;



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## ***Software Testing and Development Projects***

Developing an automated test environment using jython and java for TESTING the remote API of the Sytem Components

Projects :

***Client:*** Marconi Mobile, Genova

***About the project:***

I was/ responsible for testing the system components. Marconi Mobile is one of the pioneers in the field of TETRA(TERrestrial Trunked RAdio (TETRA) is an open digital standard defined by the European Telecommunications Standards Institute .

- **Framework for testing** : The test framework was derived from JUNIT
- **Programming languages used:** Java, Python, jython, and C++
- **Graphical interface** : Java Swings
- **Design Tool used** : Together and Argo UML
- **Defect Tracking Tool:** PR Bug Reporter
- **Testing Tool** : Developed a new testing tool from scratch
- **Detail Description of the Project:** One of the system component involved in TETRA is the HLR( Home Location Register) Server.It interacts with other servers through Remote API, a middleware. I was responsible to conduct BLACK BOX TEST, FUNCTIONAL TEST, PERFORMANCE TEST, and LOAD TEST on HLR. I developed my own framework based on unit testing using jython. The framework was developed from scratch. It provides AUTOMATED testing with all the features of writing test scripts, maintaining the log file from different tests. I used PR Error Reporter as a BUG Reporter. The framework was implemented in jython. I had a choice of using RUBY but I prefer jython as I am confident of my abilities in java. JYTHON is the java version of PYTHON. I was responsible for writing and executing the test cases, test scripts

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***References shall be provided on request***



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