

Radhesh Gupta

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EDUCATION

New York University, New York, NY

May 2012

Master of Computer Science

National Institute of Technology Karnataka (NITK), Surathkal, India

Jul 2008

Bachelor of Electrical & Electronics Engineering

Distinction

RELEVANT COURSE WORK

Computer Programming

Algorithms and Data Structures

Computer Organization and Architecture

Computer Networks

Digital System Design

Graph Theory

PROFESSIONAL EXPERIENCE

> **HEALTHCAREMAGIC.COM** (a **Startup** company funded by Accel Partners), Bangalore, India – Product Developer

Apr 10 – Jul 10

Web Development Lead

- Designed and **implemented end to end features** using Java, JSP, struts, Hibernate, javaScript and MySQL - earned **client appreciation** for developing innovative features
- Released new products, features and the application into production independently - **monitored server** for efficient load time and uninterrupted running – implemented business needs as technical requirements

Technology Lead

- Migrated application to new technologies** independently – enhanced code quality and maintenance - redesigned the business process using automated techniques
- Headed technology recruitment division** and mentored multiple interns to facilitate expansion of competent team

> **ADITI TECHNOLOGIES**, Bangalore, India –Development Engineer

Jan 09 – Apr 10

Application Developer

- Designed a generic retail framework** for online shopping experience from a mobile device (BlackBerry, iPhone) along with a web server using Java, XML's and Apache Axis – earned appreciation for independent end to end execution
- Developed an intermediate IRC-Proxy server for an enterprise Group-Chat application - Managed all testing phases for the product life cycle, ensured timely execution of the test cases (using JUnit) and the test plans
- Built a car pooling web-portal using .NET and Sql Server – **applied object oriented design patterns** for effective architecture

> **INTERNATIONAL INSTITUTE OF TECHNOLOGY (IIIT)**, Hyderabad, India - IT Intern

May 07 - Jun 07

- Extended Mozilla Firefox support for four Indian fonts – developed JAVA-API for transcription of Indic-language scripts to UNICODE standard – appreciation for **Open-source contribution**

> **TEACHING EXPERIENCE (NITK, Surathkal)**

Aug 06 - Nov 06

- Assisted Prof. Vijayan Immanuel (the then Head of Department) for the course on Algorithms and Data Structures

ACADEMIC PROJECTS (National Institute of Technology Karnataka, Surathkal, India)

Statistical analysis of advanced data structures and standard algorithms and their graphical manifestation (Java, Swing, C)

- Analyzed the performance of advanced data structures and standard algorithms like Longest Common Subsequence - Designed a graphical interface to manifest the analyzed statistics

Grading-System Software and a Customizable Dictionary (Java, AWT, Oracle 9i)

- Designed a grading-system software for the department to calculate grades on different scales with other custom-make options. The Dictionary is Developed a web-application for silently acquiring and analyzing information about a malicious user's internet behavior

Indoor and Road Lightening Software Package (C)

- Developed a software system to demonstrate an efficient Indoor and Road lightening setup – Analyzed different light positions for optimum brightness – Designed a mathematical system for iterative setups in different environments

Audio Effect Processor (C, Java)

- Developed an application for adding effects like reverberation and echo in an audio file – designed an extensive equalizer using Java swing

SKILLS

Languages/Databases : Java, C, C++, HTML, JSP Servlets, Struts, Hibernate, SQL, Java Script, Apache Tomcat

Misc : XML, Web Services, Eclipse, .NET, BlackBerry JDE, Lucene, Solr, JUnit, Spring, Maven

AWARDS/ACTIVITIES

- Co-founder of Sparsh Scholarship Foundation** (a registered NGO initiative), www.sparshnitk.org
- SUN Certified JAVA Programmer(**SCJP**) - Oracle Certified Associate(**OCA**)
- Volunteered in Multi-sectoral approaches for the Child Labor Eradication Project in CiDev, an NGO (1st June – 30th June, 2008)
- Interests: Badminton, Table Tennis, Swimming, Travelling, Skits, Composing, Blogging