# Neeraja Chunduru

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ORACLE®
Certified Professional
Java SE 6 Programmer

## EDUCATION

**University of Houston, Clear Lake, Houston.** — **May 2017**
*Master of Science, Software Engineering*; **GPA:** 3.7/4.0
**Course Work:** Requirements Engineering, Software Architecture, Software for Robotics, Testing & Verification and Validation, Risk Management, Software Design Patterns

**R.V.R & J.C College of Engineering** — **May 2015**
*Bachelor of Technology, Information Technology*; **GPA:** 9.37/10

## TECHNICAL SKILLS

- **Programming Languages:** Java, C, C++, C#
- **Web Technologies:** HTML, CSS, JavaScript, PHP, AJAX, JSP, JSON, ReactJS
- **Databases:** MySQL, PL/SQL, SQLServer
- **Tools/Framework:** Spring, Hibernate, REST, NetBeans, Visual Studio, Eclipse, selenium
- **Data structures:** Linked lists, stacks, queues
- **Microsoft office**

## PROFESSIONAL EXPERIENCE

**TRISAN INFO PVT. LIMITED** — **July'14– Nov'15**
*Software Developer*

- Designed and Implemented a RESTful micro web service for a Project.
- Implemented different modules for validating the user, handling the GET requests to check the availability along with POST requests to reserve the slots.
- **Technologies:** Core Java, JDBC, Spring, REST, MySQL, HTML, CSS, JavaScript, JSON.

**UNIVERSITY OF HOUSTON, CLEAR LAKE** — **Aug'16– Mar'17**
*Teaching Assistant*

- Responsibilities include grading assignments, designing assignments and responding to questions regarding Software Design Patterns and principles of Game Design & Development.

## ACADEMIC PROJECTS

**Use of Artificial Intelligence in Health Care:**

- Published a thesis report on using Artificial Intelligence in detecting, preventing and curing a disease.
- It also includes how a person may respond to medication.

**Automated Teaching Assistant Job Application System:**

- Automated the process of applying for a TA position under the faculty.
- Users can create a profile, apply for a job and view the status of the application.
- **Technologies:** C#

**Voice Based Navigation System for Blind:**

- Developed a Software Requirement Specification document for Voice based navigation system which uses Sensors, Microphone and rear facing camera.
- Designed all the Use cases and Sequence diagrams for the system.

**Capturing the functionality of web services using REST services:**

- This project uses semantic method to express the functionality of a service.
- Follows RESTdesc skeleton description based on the language Notation 3. Skeleton mainly contains pre-conditions, post-conditions and request details.
- System allows the people to react on the hypermedia links. Essentially client does not need to have specific knowledge about the server. All the information is discovered at run time using HTTP protocol.

**Online Quiz System:**

- Designed an online quiz system which can help teachers in assessing the student understanding over the concepts taught.
- Emphasized on the Design phase in the software development life cycle.
- **Technologies:** OOAD Design diagrams, Rational Rose.

## ACHIEVEMENTS

- Achieved a global rank of 120 among 10000 programmers in "CODEVITA", International Programming Contest.
- Member – National Service Scheme

- Presented a paper on 'Ubiquitous Computing', National Technical Fest, Vignan University.