

Sandeep Roy

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CAREER SUMMARY

- Software Developer with 5 years 10 months of industry experience with C#, ASP .Net. WPF, WCF, and other Microsoft technologies. Also worked on other technologies (Java, C, VC++) for a short period of time.
- Interested in leveraging my skill sets to enhance productivity and learn new technologies and tools as need arises.

EDUCATION

MS in Software Engineering San Jose State University, San Jose, CA Course Work: Enterprise Software Overview, Software Systems Engineering, Cloud Technologies	GPA: 4.0/4.0	Aug 2015 - May 2017
Bachelor of Technology in Computer Science and Engineering Cochin University of Science and Technology, India	Percentage: 72.8%	Aug 2005 - Apr 2009

SKILLS

Languages: C#, VC++, C, Java	Databases: SQL Server, MySQL
Web: ASP.Net, HTML, CSS, JavaScript, Ajax, JSON, Bootstrap	Operating Systems: Windows, Linux
Version Control: SVN, TFS	Web Services: REST API
.Net Expertise: C# .Net, ASP .Net, ADO .Net, WCF, WPF, Nhibernate	GUI: DeveloperExpress V2011 Vol 1.
Tools: Visual Studio, Lab Windows CVI, Eclipse IDE	Web Server: IIS
Applications: MS Word, Excel, Power Point, Visio	Cloud Platforms: Amazon AWS

WORK EXPERIENCE

Associate (Software Developer) Cognizant Technology Solutions	Nov 2009 – Jul 2015
<ul style="list-style-type: none">• Actively involved in requirement analysis, design, implementation and enhancements of software.• Participated in code review, software configuration management, and CMMI level 5 audit.• Involved in doing feasibility studies and research activities to build POCs which led to the actual implementation.• Worked for clients which include Invensys (now Schneider Electric), Société Générale, and Xerox Business Services under the domains Engg and Manufacturing Solutions, Banking and Financial Services, and Healthcare.	

PROJECTS

Air Quality Mobile Sensor Cloud | San Jose State University | Aug 2015 – Dec 2015:

- This project is intended to design, implement and validate a mobile sensor cloud engine to support and manage mobile sensors which are located at remote locations.
- Implemented modules to view sensor data, view sensor allocation and billing.

Health and Welfare Administration System | Cognizant Technology Solutions | Jul 2014 - Jul 2015:

- A health insurance exchange platform that addresses various health-related needs of its members.
- Performed research on how to integrate various portals and demonstrated a working prototype to the client.

Task Manager | Cognizant Technology Solutions | Aug 2013 - Jun 2014:

- An application that allows users to create/manage a list of tasks to be performed on a regular basis.
- Optimized a code to retrieve the list of daily/weekly tasks and attained a performance improvement of 80%.

Resource Management Tool | Cognizant Technology Solutions | Nov 2012 - Aug 2013:

- A tool that is used by various teams to manage their resources, add/depart a resource, allocate/edit work etc.
- Contributed to various functional enhancements and bug fixes of this application.

Block Test Application | Cognizant Technology Solutions | Jul 2012 - Oct 2012:

- A test automation tool to test the accuracy of PID block in field devices and generate reports.
- Designed and implemented a POC using an existing tool (PID Auto tuner) and demonstrated it to the client (at Foxboro, MA). Contributed to the actual implementation of this tool.

Device Type Managers (DTM) | Cognizant Technology Solutions | Mar 2010 - Jun 2012:

- It helps users to configure, operate and access advanced diagnostic information from field devices.
- Involved in DTM development with the help of dtmManager development suite provided by M&M software.

AWARDS

2014	Hackathon 3 rd Place	Cognizant Technology Solutions (Healthcare vertical)
2013	Kudos Award	Cognizant Technology Solutions