Résumé

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Professional Summary:

- Associate in Cognizant Technology Solutions since October 2013.
- Was a SDE Intern at Tecnotree Co Ltd, Bangalore from November 2012 to April 2013.
- Was a Research Intern at Indian Institute of Technology (IIT), Madras from May 2011 to November 2011.
- Oracle Certified Java Professional (OCJP) Edition 6 Programmer.
- Good technical knowledge in Core Java, J2EE- JSP, Servlets, HTML, CSS, JavaScript, JQuery, AJAX, JSON, XML and UNIX for developing web based applications.
- Good technical knowledge in Spring, Hibernate and Log4j framework.
- Good technical knowledge of SQL queries.
- Good knowledge in designing and developing Jasper reports.
- Have developed multiple tools using Excel VBA (macros). These were used to automate generation of charts in Presentation from Excel in a button click, find out duplicates between multiple sheets in a single click etc.
- Experience in all stages of software development lifecycle in a Java based environment.
- Responsible for analyzing and finding out the impact of source code during maintenance delivery projects.
- Experience in designing, developing, testing and configuring test cases for the application.
- Experience in requirements gathering, demonstrating software prototypes, technical presentation and knowledge transfer.
- Experience in catering to service desk requests encompassing production bug fixes and user requests.

Qualification:

Qualification	Institute	Duration
M.Sc (Theoretical Computer Science - Integrated)	PSG college of Technology, Coimbatore	2008-2013

Work Experience:

Organization	Designation	Date of Joining	Worked Till
Cognizant Technology Solutions (CTS), Chennai, India	Associate	October, 2013	Till Date

- I was a part of **i-emphsys (Electronic Medical Pharmacy Home-Health System)** team coming under **HealthCare** business unit. We primarily deal with:
    - Rich User Interface Development using HTML/CSS, thymeleaf and Javascript.
    - Coding web application using Java, J2EE - Spring MVC.
    - Taking responsibility for changes that go through multiple tiers from the Java Application through to the back-end databases.

Organization	Designation	Date of Joining	Worked Till
Tecnotree Convergence Pvt. Ltd. , Bangalore, India	Intern	November, 2012	April, 2013

- I was a part of the **SD Delivery & Integration, Customization & Development** team. We primarily dealt with:
    - Gathered the requirements and designed the applications and products.
    - Developed web application '**Lucky Draw'** which was integrated with external system for extracting eligible draw list. The application filters the draw list, picks up the winning subscriber number and displays on the GUI.

Organization	Designation	Date Of Joining	Worked Till
Indian Institute of Technology (IIT), Madras, India.	Research Intern	May, 2011	November, 2011

- I worked on a project titled '**Study and Analysis of Botnets'** which was aimed at studying the characteristics of various kinds of botnets and come up with generic features.

- An extensive survey on literature available on botnets was made. Also, a testbed setup called RUBOT framework, was used to conduct various experiments on the various botnet types.

Project Details:

The major projects that I have worked on include:

- **Specialty Release 2 (Agile Methodology)** – SR2 is a web application which assists pharmacies in managing patients who are on specialty medications that generally require special storage or handling and close monitoring of the patient's drug therapy. It also involves claim adjudication and shipment creation for specialty drugs.
- **SORA -** Specialty Operational Reporting Application gives the statistical report of the user and teams. Data for this application will be provided by ETL batch jobs which are running in Specialty Release 2 (SR2) application.
- **SRDI** - Specialty Reporting De-Identification is a tool for Protected Health Information (PHI) in accordance with the Health Insurance Portability and Accountability Act (HIPAA) Privacy Rule ("De-Identification") for registered patient in Walgreens.
    - o Interacted with client and SME's in figuring out specific customer issues that need to be addressed and requirement gathering.
    - o Ensured that IT industry standard best practices are followed throughout the project by implementing JUNIT, PMD for coding conventions.
    - o Worked on Unix Shell script writing and cron configurations for creation of new batch jobs and modifying existing jobs.
    - o Took initiative in resolving critical issues like OOM and User kick out issue.
    - o Prepared support documentation like Detailed Design, High Level design, RTM and UTP.
- **Oracle Data Guard Implementation** –This was done for SORA application which ensures high availability, data protection, and disaster recovery for health information. Data Guard provides a comprehensive set of services that create, maintain, manage, and monitor one or more standby databases to enable production Oracle databases to survive disasters and data corruptions.
    - o Worked on Spring MVC, Oracle 12c, and Unix Shell Script for modifying the existing batch jobs.
    - o Prepared support documentation like Detailed Design, High Level design and UTP.
    - o Provided post production support.
- **i-emphsys-** A web-based enterprise application for Infusion and Home Medical Equipment providers. It was built to satisfy the rigorous needs in the market to integrate Infusion with HME (Home Medical Equipment) both operationally and financially.
    - o Once the business gives the requirements, analysis would get started. I was responsible for doing the coding/development part once the business needs are clear and after the analysis phase as a part of the team. I will intimate the work status to the customer every day.
- **340B** - US government legislation created a program to provide medication to eligible patients at a very low cost. The 340B complete application will accumulate and maintain Walgreens 340B Program information.
    - o I was responsible for catering to the user requests which might comprise of clarifications, new requests, enhancements in existing application modules and bug fixes.

- **Lucky Draw** – A web based application integrated with the external systems to extract the eligible draw list. The draw list is the list of subscribers for the particular provider which is then filtered based on the criteria attached with draw configuration specification.
    - o I was part of a 2 member team for extracting data from external systems, develop the UI pages, configure draw related dates, involved in coding to pick up eligible draw list, running draw process and sql backend setup.

- **Statistical Detection of Botnets using SNMP MIB Variables** – Botnets have become one of the top threats to Internet
    - o I was part of the team to provide a detection mechanism for botnets using SNMP MIB statistical data gathered from SNMP agents. Using MIB datasets we tried to validate the possibility of detection of IRC botnets. This work was published as a paper in a Switzerland Science Journal (http://www.inderscience.com/info/inarticle.php?artid=58653)

- **Study and Analysis of Rubot Framework -** Detailed Analysis of Rubot Framework where Internet Relay Chat, HTTP and P2P botnets had been experimented by performing spamming and flooding attacks
    - o I was responsible for obtaining the malicious traffic, several bot codes were experimented by performing different attacks (DOS, spam attack etc.) in many systems. The malicious traffic was then captured in Wireshark.