Hardik Soni

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SUMMARY

Seeking an opportunity in software development field where I can apply and enhance my technical skills.

EDUCATION

Masters of Science, Computer Science	**GPA 4.00**	expected **May 2016**

Arizona State University, Tempe, AZ
Courses: Software Security, Design and Analysis of Algorithms, Distributed Software Development

Bachelor of Engineering in Computer Science	**GPA 3.93**	**May 2012**

Maharaja Sayajirao University, Baroda, India
Courses: Unix Programming, OOPS in C++, Data Structures, GUI & JAVA, DBMS, Network Security, Client Server Architecture

EXPERIENCE

Tata Consultancy Services(TCS), Pune, India (www.tcs.com) , **Role**: Software Developer   **Jun 2012-Jun 2014**
Project: SIP- h-AXA Integration (advisers.friendslife.co.uk)   **Dec 2012-May 2013**
Technologies Used: Java (J2EE), XML, XSLT, HTML, CSS.

- Created **design documents** for the project and **developed an interface** for migrating current service to the newly developed web service.
- Researched recurring testing problems and **engineered a unit testing tool** which helped to reduce the number of defects in delivery.
- Implemented effective **logging mechanism** for error handling and auditing purpose.

Project: Annuities – Retirement Income (www88.friendsprovident.com)   **Jun 2013-Jun 2014**
Technologies Used: Java (J2EE), Spring MVC Framework, Hibernate, JPA, Free Marker, JavaScript, JQuery, CSS.

- Acquired Knowledge of **Customer Service** by actively **developing and maintaining web applications** as per customer order, resulting in recurring customers.
- Developed **RESTFul web services** and an interface with **CRM (Customer Relationship Management)**.
- Implemented Logging Mechanism, **Exception Handling**, **Email Service** and **Role Based Access Control** to allow different Users of the system use the system in effective manner.

EpiFinder - Startup, Tempe, AZ (www.epifinder.com), **Role**: Software Developer   **Aug 2014- Present**
Technologies Used: Owl Ontology, OWL API, Protégé, Java.

- Developing an application that helps Doctors diagnose rare diseases better using Ontology based detection.

PROJECTS

Know Your City   **Sept-Nov 2014**

- A website built in **ASP.Net** using **Forms Security**, **Authorization** and **Authentication**, **Cookies** and **Session** management, SOAP and REST services, DLL Library and **User Controls**.
- Developed and discovered **SOAP and REST** web services to get nearest restaurants using **Google API, weather forecast** information, **email** service and **subscription** to new events using **RSS feeds**.
- Implemented **Captcha** for Signup form and a **DLL library** for password hashing and salting.

Secure Online Banking system   **Sept-Nov 2014**

- Developed a Secure Online Banking System using **Spring Security**, **Hibernate** and **Bootstrap** Frameworks.
- Implemented **Role Based Authentication**, **Public Key Infrastructure, Secure Socket Layer** and **One Time Password** to safeguard the system.
- Used **Cache Filter**, **Output Encoding** and Strong **Input Validations** to prevent against XSS and SQL Injection attacks.

Online Test Module   **Jan-May 2012**

- Developed 3-tier web application with the concept of **Client-Server Architecture** using **Java** and **MySql**.
- It allowed teachers to manage the course material and conduct tests for subjects. To help student study, the application is being used by my undergraduate college professor.

TECHNICAL SKILLS

Programming Skills: C, C++, C#.NET, JAVA, ASP.NET, SQL, JSP, HTML, XML, JavaScript, JQuery, CSS, AJAX, Free Marker.
Databases: Oracle, IBM DB2, MySQL
Tools: Visual Studio, Eclipse, SVN, Git, Synergy, Clear Case, JBoss Application Server, Apache Tomcat Server, Putty, SoapUI.

CERTIFICATION   **Oracle Certified Professional Java SE 6 Programmer (OCJP).**   **June 2013**