Vasu Gupta

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Professional Experience:

Freescale Semiconductor Inc- Austin, TX   *June 2013 – Dec 2013*
Project Management Systems Intern
- Proposed software solutions for identifying issues in Freescale's semiconductor fabrication process.
- Worked on front end and backend of web applications, used by more than a thousand employees at Freescale using **PHP, jQuery, HTML5, Bootstrap (Twitter), MySql** for project management department.
- Optimized response time of existing web services to fetch more than a million rows of data.

Arizona State University- Tempe, AZ   *Aug 2012- May 2013*
Teaching Aide and **Web Admin for ASU Health Engineering Applications Lab (HEAL)**
- Graded assignments for Server Software programming and set up a cluster of tomcat instances as a lab environment for students to deploy and load test their web applications.
- Developed Web application to showcase lab's ongoing projects using **HTML5, Javascript, jQuery, PHP, MySQL**.

HCL Technologies, India   *May 2011- Aug 2012*
 Software Engineer
- Developed Web applications using **Java, Hibernate, HTML5**, CSS3, **JavaScript**, **jQuery.**
- Responsible for writing **SQL queries**, **stored procedures** for **RDBMS** based databases.
- Gained thorough understanding of Software Testing and Software Development life cycle.
- Strong **Object oriented concepts** for software design and implementation.

Education:

Arizona State University – College of Technology and Innovation
 Master in Computing Studies **– 4.0/4.0**   *Aug 2012 - Expected May 2014*
(Advanced Algorithms, Cloud Computing, Software Enterprise-Program Management, Database Technology)

SRM University – Institute of Science and Technology, India
 Bachelor of Technology, Electronics and Communication - 7.7/10.0   *May 2007 - June 2011*

Tools & Technologies:

Technologies: Java, Java Swing, XML Schema, JSP, C++, PHP, Java Script, **jQuery**, **HTML5**, **CSS3**, **Foundation, Bootstrap (Twitter)**, Ajax, JSON, JSP, **Hibernate**, **Struts 1.x/2**, Ant, SQL, PL/SQL, WAMP, XAMPP.
Web Servers and CMS: Apache 2.2/2.4, Apache Tomcat 6/7, Drupal, WordPress
Platforms: Linux, Windows 2000/XP/7, Windows Server 2008 R2, Macintosh.
Databases: MySQL, Oracle10g/9i
Other: Command Line, Eclipse, QtCreator, Trac, Jenkins (Hudson), iRise Studio, GIT, Subversion.

Projects:

Video Conferencing in Javascript
- Developing a module for Drupal Web server which enables users to connect (p2p) for video conferencing with a web browser without any plug-ins using **WebRTC**.
- Configure and program **NodeJS** server to support WebRTC signaling mechanism.

Digital Library (at HCL Technologies for Pearson Education)
- Developed GUI using **HTML 5**, **CSS3**, **JavaScript**, **jQuery** and **Bootstrap (Twitter)** supporting various platforms like windows, iOS, Android Tablets on variety browsers.
- Worked with **AJAX** and **JSON** to interact with back-end web server API from Java Script for better usability and quick response.