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Objective

To learn new technologies and utilize my skill set effectively in the Information Technology industry.

Summary

- Hands on experience with full stack web development using JavaScript, PHP, and MySQL.
- Experience in designing and developing responsive user interfaces using HTML5, CSS3, JavaScript, Reactjs, Redux, AJAX, bootstrap API, Angular.js, and JQuery.
- Experience in developing hybrid mobile applications using JQuery mobile, PhoneGap.
- Experience in developing business logic using PHP and Java.
- Possess exceptional communication, inter-personal and time-management skills.

Educational Qualifications

Master of Science, Computer Engineering   **GPA**: 3.85/4.0   May 2016
San Jose State University

Bachelor of Technology, Computer Science and Engineering   **GPA**: 3.78/4.0   May 2009
Jawaharlal Nehru Technological University, India

Skills

- **UI technologies**: HTML5, CSS, JavaScript, Reactjs, Redux, JQuery mobile, JQuery, Backbone.js, Angular.js, Highcharts, Bootstrap, PhoneGap, AJAX.
- **Backend technologies**: Java, REST, PHP, PERL, C, C++, Node.js (beginner)
- **Database:** PHPMyadmin, MySQL, SQL, cURL
- **Tools:** OPNET, Wireshark, redmine
- **Operating Systems**: Android, iOS, Ubuntu, Windows, Mac OS X
- **Network Protocols**: TCP/IP, http, ICMP, DNS, ARP, DHCP

Experience

Summer Intern at Broadcom   **June 2015 to August 2015**

- Worked on the 802.11 ac/ad wireless LAN protocol.
- Analyzed the C code using Coverity tool and fixed the corresponding defects.
- Coded interactive Perl scripts for efficient register access and gained experience using GIT repository.

Project Engineer at Wipro Technologies   **May 2010 to July 2013**

- Debugged the mobile chip design using manual and automated verification techniques. Found, filed and fixed crucial bugs in the project.
- Developed test bench and test cases using object oriented verification frameworks for verifying mobile chips.

Related Course Work

Web UI, Web Technologies, Object oriented programming in Java, Mobile Software System Design, Computer Networks, Object Oriented Programming in C++, Data structures in C++, Operating systems, Design and analysis of Algorithms.

Academic Projects and Paper Presentations

- **Wireless Body Area Networks**: Research Project on Wireless Body Area Networks. Wireless Body Area Networks is a sensor based technology mainly aimed for medical applications. A detailed study on the PHY and MAC layer properties of IEEE 802.15.6 was made.

- **Food for all**: A hybrid mobile app developed to channelize food wastage and food distribution. Implemented both the web and mobile version of this application. *Technologies used: HTML5, CSS3, JavaScript, JQuery, JQuery mobile, PHP, MYSQL and PhoneGap.*

- **Easy Grade App:** Developed an easy to use mobile grading tool where the instructors can log in, view, modify, and calculate the grades of the students. This is a hybrid app and is deployed on various mobile platforms using PhoneGap. *Technologies used: HTML5, CSS3, JQuery, JQuery mobile, AJAX, PhoneGap, PHP, MYSQL.*

- **Team File Sharing System**: This is a cross-domain picture sharing web application where a picture uploaded in one server is reflected amongst six other servers. *Implemented both the web and desktop versions of the application in HTML, CSS, PHP, Java and MySQL.*

- **Chat application with share and remind feature**: Developed a portable web application, which consisted of basic chat feature embedded with a unique share and remind characteristic. Handled both the UI and back end technical feature set. *Technologies used: HTML5, CSS3, JQuery, JQuery mobile, AJAX, PHP, MYSQL.*

- **E-commerce store data App**: Developed a Google Maps application, which will project an e-commerce company's store business statistics data. T*echnologies used: Google Maps API, HTML5 geolocation, node.js and REST API.*

- **Build your pizza application**: Emulated the Domino's pizza website and displayed the order statistics using google charts API. *Technologies used: node.js for business logic and MYSQL as backend database.*

- **Water reservoir real time Web UI streaming**: Created a HTML driver that supplies the water levels of various reservoirs across California to Highcharts framework. Used D3.js to pictorially indicate the water levels for each reservoir using liquid gauges. *Technologies used: Highcharts, D3.js*

- **Bootstrap website**: Created a website using Bootstrap, JQuery and AJAX. Implemented animations using SVG. *Technologies used: Bootstrap API, JQuery, PHP, and MYSQL.*

Achievements

- Received "*Feather in the cap"* and *"Shining star award"* in WIPRO as recognition for my work.