JENIL JAIN

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SUMMARY   (Available from July 2016)

Highly motivated Software developer with 2+ year of experience in SDLC (Waterfall, Agile and Scrum) product design and Web & Applications development including RESTful web services (SOA). Proficient in programming languages like C/C++, JAVA, Javascript and Python.

EDUCATION

Masters of Science - Computer Engineering,   **GPA 3.57/4.00**   May 2016
Arizona State University (**ASU**), Tempe, AZ
Bachelors of Engineering in Electronics and Telecommunication,   **GPA 3.65/4.00**   May 2013
University of Mumbai (**MU**), Mumbai, India

EXPERIENCE

Software Engineer Intern, Insensi, NY   May 2015 – Nov 2015
[Backend || Embedded Software || MongoDB || Javascript || C/C++]
- Developed an API in C++ to decode the Caller ID message for a smart android land-line phone.
- Created a backend application to record various event from the android device into a database (mongoDB).
- Tested both, the API and the application by writing automated test cases using JUnit.

Software Developer, Impaq Technologies, Mumbai   May 2012 – May 2014
[Frontend || Backend || RESTful Web service || LAMP stack || UNIX shell]
- Implemented interactive frontend in MVC architecture using HTML/CSS, Javascript & AJAX
- Developed server applications and RESTful web services on PHP, MySQL and Apache stack (LAMP).
- Managed and maintained backend of dynamic database driven website and systems including eCommerce and CMS.
- Communicated with clients and other team members to meet with design and system requirements.
- Earned expertise in Object Oriented Programming & SDLC methodology like Scrum.

SKILLS

Languages: C/C++, C#, Java, Javascript, Python, Shell, PHP, MATLAB.
Web Technologies: HTML/CSS, Javascript, jQuery, JSP, JSON, XML, RESTful web services and SOAP.
Frameworks: MVC, Bootstrap, AngularJS, .NET, Spark, Hadoop, OpenCV, Spring, Hibernate, servlets.
Software & tools: Visual studio, Eclipse, GDB, Git, MATLAB, MS Office, VMWare workstation, JIRA.
Platforms & OS: Windows, Linux || Embedded Linux, RTOS, Micro-controllers.
Servers & Databases: Apache, Tomcat || MySQL, SQL server, MongoDB

PROJECTS

Geospatial Operations on Apache Spark [JAVA], ASU   Spring 2016
- Developed a JAVA library using Apache Spark and Hadoop on distributed clusters to run geometric operations like geometric union, spatial join, and closest pair on large dataset and analyzed the performance.

Smart travel guide system [ASP.NET and C#]   Fall 2015
- Designed a Smart Travel Guide system using ASP.NET and C# which displays relative information like car rental, flight statistics and nearby restaurants based on user's current geographic location.
- Created SOAP and RESTful web services over API's from Google, Yelp, Foursquare and Factual.
- The API also suggest best places to visit by parsing XML, HTML and JSON data.

Order Management System [Node.js , Javascript] – VedPlus   Spring 2015
- Developed an online medicine ordering platform along with an Android application using PhoneGap.
- Created a RESTful api using Express.js framework which allows user to order and get quote of a particular medicine .
- Backend was built on mongoDB and Node.js using Python OpenCV library to scan patient's prescription.