JAY PALAN

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EDUCATION

George Mason University, Fairfax, VA   **May 2018**
Master of Science in Computer Science   **GPA:3.45**
Coursework: Database System, Analysis of Algorithms, Intro to Artificial Intelligence, Component-based Software Development

University of Mumbai, Maharashtra, India   **Aug 2011 - May 2014**
Bachelor of Engineering in Computer Engineering   **GPA: 3.5**
Coursework: Software Architecture, Theory of Computer Science, Operating Systems, Distributed Computing

TECHNICAL SKILLS

Languages:	Java, Python, C
Database:	Oracle, MySQL
Web Technologies:	HTML5, CSS3.0, JSP, JSF , PHP, JavaScript, JQuery, Ajax, JSON, Angular.JS
Web Services:	SOAP, REST (Spring boot/ Spring Integration, Hibernate/JPA)
Applications:	Adobe Photoshop, Adobe Illustrator, Adobe Dreamweaver

EXPERIENCE

Freelance Web Developer   **Apr 2015-Mar 2016**
- Gathered clientele requirements and developed websites like Ghoomvanu, StudySid which included both the front-end and back-end server code.
- Tested the cross browser compatibility and added unit tests to ensure that the modules worked according to the requirements.

Web Developer, One Roof Technologies   **Jun 2014 – Mar 2015**
- Interacted with the clients about the scope of the projects and developed a responsive website that was Desktop, Tablets and Mobile devices compatible.
- Actively participated in the development phase of the project that technologies like PHP, Bootstrap, REST, JavaScript and CodeIgniter.

PROJECTS

Automatic Question Generation (Natural Language Processing)   **Aug 2013- May 2014**
Programming Language: Java
External Libraries: Stanford NER (Named Entity Recognizer) & POS Tagger (Parts of Speech)
Description: The main aim of the application was to generate questions from paragraphs which were inputted by the user. The generated questions utilized two algorithms depending on complexity of the sentence.
Responsibility: Built both the algorithms for simple and complex sentences in Java. Integrated external libraries and created GUI for the software. Also, performed testing and quality assurance of the project.

Online Auction House   **Aug 2016 - Dec 2016**
Concept: Database Management
Technology used: Oracle, JSP and Servlets
Description: This application managed its data in the Oracle DBMS. A front-end GUI was implemented using technologies like bootstrap and JavaScript and an establishment of a JDBC connection for connecting the front-end and back-end using JSP & servlets.

Trading Used Cars   **Jan 2011- May 2011**
Technology: HTML, CSS, JavaScript, MySQL, PHP
Description: An E-Commerce application that managed the buying and selling of used cars.