**Jyoti Shukla** [jyotishukla1812@gmail.com](mailto:jyotishukla1812@gmail.com)

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**Professional Summary:**

**Illinois Institute of Technology, Chicago 2016-2018 Master of Science in Management Information Systems GPA-3.5/4 Relevant coursework:** Advanced topics in Database Management, Object Oriented Application Development, Introduction to Open Source Software, Client Server Technologies, Operating Systems Virtualization, Service Oriented Architecture.

**Bhilai Institute of Technology, India 2010-2014 Bachelor of Science in Electronics & Telecommunication Engineering GPA: 3.5**

**Relevant coursework**: Programming in C & C++, C#, .Net, Computer Networking, Network analysis & synthesis, Signals & systems, Satellite communications, Computer Security & Cryptography, VLSI, Microcontrollers 8085 & 8086

**Technical Skills:**

* Programming Languages: Java, React.js, MEAN, Hadoop, HTML, CSS, JavaScript, Angular.js, Ajax
* Database: MySQL, MongoDB
* Operating System: Windows, Linux, Unix
* Tools: AWS, GitHub, Bootstrap, REST, SOAP, WordPress, Dreamweaver, Magento, Balsamiq
* IDE: NetBeans and Eclipse
* Web Servers: Tomcat, Glassfish 4.0 and above, HTTP
* CMS: Adobe CQ5/AEM 6.0 and 6.1, JCR, Sling, DAM, Package Manager, CRXDELite, Workflow, OSGI

**Professional Experience:**

**Programmer: Bodex LLC, Bhilai, India Jun. 2014 − Jun. 2016**

**Clients: Lingotek, Kombea**

**Responsibilities:**

* Sound Understanding and good experience in developing single page Applications (SPA) i.e. web applications using JavaScript **MVC frameworks** such as **Angular js, Node js**.
* Profound knowledge in working with **Document Object Model (DOM) and DOM Functions**.
* Good experience in development of software applications using **Java, JDBC, Servlets, JSP, Struts, Hibernate, Spring and UML design** and working with **Apache Tomcat server**.
* Developed enterprise-level **JAVA applications utilizing XML, JSON, Restful-based web services, JavaScript, HTML, Angular JS** and a Modern UI framework such as **Bootstrap**.
* Developed the frontend interface using JSP with AJAX features.
* Developed business functions using Java.
* Developed various User Interfaces using HTML, JQuery, Bootstrap and AngularJS.
* Responsible for creating efficient design and developing User Interaction screens using HTML5, CSS3, SASS, JavaScript, JQuery, Angular JS 2.0, Angular Strap, Ajax and JSON.
* Manage highly scalable cloud environments across Open Stack, AWS, VmWare.
* Excellent programming skills across wide portfolio viz. Java-J2EE, SQL, Oracle, Unix/Shell Scripting.
* Managed the infrastructure team owning complete responsibility of SVN & Git Source Code repos for lingotek project
* Improved stability and performance of the Scala plugin for Eclipse, using product feedback from customers and internal users.
* Developed SOAP based web services using Apache CXF and test them using SoapUI.
* Worked in a team in developing the UI, layout and front-end programming (HTML) for web application that matches requirements of the client.
* Using Ext JS with Web API retrieve data from database.
* Used Maven to build and deploy the application on web logic server
* Designed and developed websites/pages in Adobe CQ/AEM by implementing the responsive design
* Extensively used Adobe CRX, CRXDE, WCM, Package Manager, Components, Workflows, Widgets, and DAM
* Expert in developing custom CQ components and modify the out of the box components
* Expert in Authoring and publishing the Adobe CQ applications and performed cross-browsing testing
* Strong experience in XML related technologies including XSD, DTD, XSLT, XPATH, DOM and SAX
* Extensive working experience in unit testing framework and configuring loggers
* Installed and Configured App/Web Servers viz. Tomcat, Glassfish 4.0
* Managed the build and deployment operations of the software codes.
* Familiar with AEM Application Development model and web content creation using AEM as an application.
* Development knowledge of custom templates, components In-depth and hands-on knowledge of AEM core functionalities like replication, reverse replication, clustering, workflows, DAM, MSM.
* Knowledge of Apache Web Server/IIS Web Server.

**PROJECTS:**

**Library Management System: Fall 2016**

**Platform:** JavaFX, MySQL, Apache Tomcat

Worked on a project Using JavaFX in which a student can issue a book from library and donate any book in the library. The system will store all the data about when a book is issued and the details of person who issued that book. With the help of a student ID, we can see the book issued or donated by that student. A student can refer someone to that library and get some attractive offers in return. In case, if any book is not available, the system will show the details who issued this book and when is the scheduled date to return the book.

**University Management System: Fall 2016**

**Platform:** Java, MySQL, HTML, Bootstrap, Ajax, Apache Tomcat

Created a University Management system same as blackboard design and functionality which perform CRUD functionality as a faculty, Student and Administration in which all the data relates to a database. A student can see all the courses taken in this semester and faculty can grade students. And the system will store the data in real time.

**Car Application using Web Services: Spring 2017**

**Platform:** Java, MySQL, XML, DOM, Glassfish 4.0, HTML, Bootstrap

Created an application in which will leverage the data from the XML files and parsed the data through DOM parsed into CSV format which later transfer to Database server. Created 10 different web services which helps to retrieve the data from database. Created a seamless development for the front end and the backend. In this project, I created the SOAP API and In this application user can see the information of a car, its order Information, User account Information and book a car for number of days through a token.

**Certifications:**

* **The Complete Wordpress Website Business Course Feb 2017-present**

From: UDemy

* **Certification of C++ June 2012-Present**

From: NIIT Limited

* **The Complete Web Developer May 2017-Present**

From: UDemy