**VENKATESH PYDE**

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# OBJECTIVE

Seeking an opportunity as a Software Engineer which would involve designing and development of software using Agile Principles, Practices and Methods complying with Design Principles and applying Design Patterns.

# EDUCATION

**Master of Science, Computers and Information Science** GPA: 3.75/4.0

*Southern Arkansas University,* Arkansas **December 2016**

**Relevant Courses:** Software Design, Software Development Practices, Programming Languages, Data Structures & Algorithms, Internet Computing, Operating Systems, Machine Learning, Computer Architecture.

# WORK EXPERIENCE

**Java Developer,** *EBS Minds Inc.,* Dallas, Tx December 2016 – Present

* Hands-on experience in the entire software development life cycle and crucial methodologies like Waterfall and Agile.
* Contributed to servlet based application development. Assisted in maintaining and updating existing applications and modules.
* Helped design form validation programs using HTML, CSS, and JavaScript.
* Contributed to development of client side and server side codes for external and internal web applications.
* Provided assistance and support to programming team members as required.
* Involved in Software Development Life Cycle (SDLC) of the application, requirements gathering and project planning, design analysis and Code development of programs using Java/J2EE.
* Designing JSP's and generic templates to retrieve and update information on modules like Client registration or updating. Implemented MVC architecture using the Struts Framework.
* Used Struts Tag Libraries and Struts Validations for the Client Side Validation.
* Used Custom Tags and Tiles in the presentation layer of the project.
* Coded and implemented PL/SQL packages to perform Application Security and batch job scheduling.
* Implemented various server side business components using Servlets, JSP and XML.
* Developed Servlets to load the user information into the database and the retrieval of the data from the database.
* Developed Java Classes for the user interface using struts tag libraries.
* Written code for various java database classes for connection pooling using JDBC.

***Environment:*** Java, JSP, Servlets, JavaScript, Apache Tomcat, Oracle, Unix, Spring, Hibernate, Maven, Jenkins, GitHub, Eclipse, XML, J2EE, MVC, HTML, CSS, Junit, Angular JS.

**Internship,** *Saibersys INC. – Dallas, Tx* Aug 2016 to Dec 2016

* Worked on backend development and also worked on front-end web development.
* Developed an Enterprise Application using Spring MVC, Hibernate and PostgreSQL database.
* Helped design user interface using JAVA Server Pages (JSP), HTML and Java Script for the Presentation Tier.
* Developed JSP pages and client side validation by java script tags.
* Worked on own realm for Apache Tomcat Server for authenticating the users.
* Responsible for integrating with struts and Building the Business Logic on the server.
* Developed front end controller in Servlet to handle all the request.
* Worked on Controller Servlet to handle the database access.
* Developed custom tags to display the data in JSP pages.
* Performed unit testing using JUNIT framework and used Struts Test Cases for testing Action Classes.
* Deployed the application in Production environment. Supporting the application at client side.
* Used Source control and management via Git, SVN, and CVS.

***Environment:*** Java, JSP, Servlets, JavaScript, Apache Tomcat, Oracle, Spring, Hibernate, Maven, Jenkins, Eclipse, PL/SQL, Junit, HTML, CSS.

**CORE COMPETENCIES**

Java & Web Development • Software Development Lifecycle • Requirements Gathering & Analysis • Agile • RUP

Software Engineering • Front-end & Backend Development • User Interface Design • Testing • Deployment

# TECHNICAL SKILLS

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| **Web Technologies and Frameworks** | : HTML 5, CSS 5, XML, JSON, jQuery, AngularJS, REST |
| **Languages** | : C, C++, Java (J2SE, Java SE, J2EE, Java EE)  ***Web:*** HTML, HTML5, CSS 3, JavaScript, JQuery, JSON, XML, AJAX, SOAP, RESTfull web services, PHP, JSP, Servlet, JSF Framework, Spring MVC Framework Enterprise JavaBeans (EJB) Framework |
| **Database Software** | : Oracle, PL/SQL |
| **Packages and tools** | : SVN, Git, Jenkins, Eclipse, IntelliJ |
| **RELATED PROJECTS:** | |
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**My Neighborhood:** (HTML, CSS, JavaScript, MySQL, JQuery)Oct 2015 - Dec 2015

* Developed a fully functional website similar to www.nextdoor.com, a private social network for neighboring community.
* Integrated Google Maps to facilitate the user to join a new neighborhood and get messages that belong to a particular block.
* Prevented SQL injection attacks by using parameterized queries and stored procedures.

**Online Enrollment and Document Processing:** *Website + Database + Windows Application*  Functionalities of the application:

* + Web-pages to collect student request information (CMS, HTML, CSS, JavaScript, jQuery, PHP).
  + Database to store nearly 3000 students’ information (MySQL).
  + Application to process the request (Java, JUnit).

**Currency Rate Notifier**: (Java, JUnit, Gradle, Tortoise SVN)

* Designed and developed a notification application that notifies a currency broker company when a currency pair rate reaches the target rate, through an email and text message.
* Developed the application complying to the Design Principles and applied Observer pattern.
* Parsed the XML on http://rates.fxcm.com/RatesXML and notified when a currency reaches a specified rate.
* Delivered the working code along with the Software Design Document (SDD).