**Purna Chandra**

Professional Summary:

* Over 8 Years of progressive experience in all the phases of software development life cycle that includes Requirement Study & Analysis, Design, Development, Integration, Maintenance, Installation, Implementation and Testing of various client/server and N-tier web applications.
* Experience in Application Design and Development using **OOA**, **OOD**, **OOP**, **MVC** and **J2EE**.
* Extensive experience in web application development using **J2EE**, **Java, JMS, and MQ** related technologies.
* Experience in developing web applications using **JSP, Servlets, EJB, JDBC, Struts, Spring, Hibernate, Angular.js, JSF, Java Script, PRIMEFACES, JDBC, MQ,Node.js,BootstrapCSS, JQuery, JSON**, **XML and UNIX Shell** Scripting.
* Experience in developing Multi-tier enterpriseand Single Page Application Development.
* Experience in performance tuning using tools like **DB2 Query browser** and **Dynatrace**.
* Experienced in using **design** patterns **SOA, Enterprise Object Model**, **MVC**.
* Experienced in scripting languages**: JavaScript, Shell scripts** and **Perl Scripts**.
* Experiencewith relational databases such as**Oracle, SQL Server, DB2,MYSQL**and **NoSQL** databases such as **MongoDB.**
* Experienced in developing applications using **Maven, GIT and Version Control (SVN)**.
* Experience working in **Waterfall, Agile and Scrum** methodologies.
* Expert on **XML, DTD, Schemas, XSL, XSLT, SOAP, WSDL, SASS, UDDI, SAX** and **DOM** parsers.
* Worked on **JQuery** as a JavaScript UI Library.
* Investigation and Implementation of public facing websites on **Amazon Web Services(AWS).**
* Good Exposure to Service Oriented Architecture (**SOA**) such as Web Services including **SOAP, UDDI, WSDL**, **IBM Web sphere MQ Series, REST Web Services**.
* Experience in project and defect tracking tool such as **HP – Quality Center**, **Rally** and**JIRA.**
* Experience in data reporting using **Pentaho ETL tool – Kettle.**
* Experience in writing **SplunkQueries**.
* Developed the **ANT scripts** for preparing **EAR and WAR** files used to **deploy J2EE components.**
* Good experience on web servers like **Apache HTTP, Apache Tomcat** and application servers **JBoss4.0.5 GA, BEA WebLogic 8.1, IBM WebSphere 6.0/6.1/7.0/8.5** and configuring them.
* Had worked on Test Driven Environment(**TDD**). Used **JUnit, Mockito, Sonar,Fortify** for Unit testing the application and code quality.
* Strong team player, ability to work independently and in a team as well, ability to adapt to a rapidly changing environment, commitment towards learning.
* Performed production support roles.
* Managed defect triage meetings and technical bridges.

Technical Skills:

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| --- | --- |
| Programming Languages | Java, J2EE |
| J2EE Technologies | JSP , JDBC, JNDI, Web Services , BPM – Activiti, Hibernate |
| Frameworks | Spring, Camel, NodeJS, AWS |
| Tools | Splunk, Dynatrace, SOAP, Kettle |
| Web Technologies | Angular JS, Bootstrap CSS, HTML, JQuery, JavaScript , AJAX |
| Application/Web Servers | IBM Web Sphere, Apache Tomcat, Jetty, Web Logic |
| Databases | SQL Server , MySQL, DB2, Mongo DB |
| Messaging Systems | JMS, Active-MQ, IBM MQ |
| IDE Tools | Eclipse, Spring Suite, Web Storm, Brackets |
| Operating Systems | Windows , Unix and Linux |
| Database Tools | Squirrel, TOAD, MySQL Query Browser |
| Version Control | Subversion,**GIT** |
| Continuous Integration and build Tools | Ant,Maven, Gradle, Jenkins |

Professional Experience:

**Anthem BCBS, Chicago, IL**

**Oct’15 – Till now**

**Sr.Java/J2ee Developer**

**Description:** American Health Insurance is a leading provider of insurance products and services nationwide. The purpose of the project was to make the Web interface easy to use and increase the online interaction with insurance applicants. And provide the website users a clean web interface to generate insurance quote online. Project was developed by using Java. It has service oriented architecture which allows enterprises to plugin new services or upgrade existing services in a granular fashion to address the new business requirements.

**Responsibilities:**

* Designed the application using **Front Controller, Service Controller, MVC, Spring, Factory, Data Access Object, Service Locator and Session Facade Design Patterns.**
* Manage the day-to-day operations of Clients IT Software development efforts, CRM and internal/client facing API Integration processes.
* Design and development of **Restful** Web Services for creating file transfer and captured unhandled errors and log them in a database.
* Developing or maintaining a production-level cloud-based architecture in **AWS**, including creating machine Images like AMI.
* Work closely with our partners and clients to develop and support ongoing API integrations.
* Used **SOAP** and **REST** based web service protocol.
* Developed custom directives (elements, Attributes and classes) using **Angular.js**.
* Provide leadership in developing the company’s IT software and ongoing strategy for internal and external purposes.
* Ensure Client & Subsidiaries are in compliance with all domestic and international data privacy laws ensuring that the flow of confidential data is secured and in compliance with local jurisdictions.
* Developed **Linux bash & MS DOS** scripts for internal use.
* Used **Hibernate** for Object relational model for handling server side / database object data.
* Used **PostgreSQL** as back end and developed Stored procedures, Batch jobs, triggers.
* Analyzed Performance of application using **Dynatrace**.
* Used **Jenkins** to perform software build with Gradle, Run shell scripts and worked on integration tests.
* Develop customized reports for clients or internal customers using **Pentaho** - **ETL** tools.
* Source control using **GIT** and **GIThub**.
* Designed Frontend with in object oriented JavaScript Framework like **Bootstrap**,**Node.js**and **Angular.js**.
* Implemented **log4j** by enabling logging at runtime without modifying the application binary.
* Used **Rally** for project management and bug tracking.

**Environment:**MVC, Factory, Session Facade Design Patterns, Spring, SOAP, Restful web services, Angular.js, Linux bash, MS DOS, Hibernate, PostgreSQL, Dynatrace, **GIT**, **GIT**hub, Bootstrap, Node.js, log4j, Rally, AWS.

**Asurion Insurance Services,Tennessee**

**July’14 – Oct’15**

**Sr.Java/J2ee Developer**

**Description:** Asurion Insurance Services is used to handle Policy Management, Customer Service Claims Management, Agency Management, Account Management and Output System Management. Asurion is a secure, web-based insurance policy Administration system that allows authorized agents to quote and submit new policy applications, view policy statuses, And submit policy endorsements. The system will guide the agent through the policy application and endorsement Processes and automatically apply underwriting rules when submitting transactions.

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (SDLC) as requirement gathering, analysis, design documentation, development, test cases, implementing and production support of the application.
* Worked closely with the Business Analyst and designed the rules and reevaluate the rule flow in Rule Governance team.
* Followed **AGILE** Methodology to promote iterations, collaboration, and process adaptability and participated in **SCRUM** Meetings throughout the life cycle of project.
* Developed embedded C software for **UNIX** operating system.
* Worked on rule authoring scenarios and have knowledge in articulating Rule flows, Rule tasks, Decision tables and BAL rules.
* Worked on**AngularJS** controllers, views, and services for new website features.
* Exposed all the business logic in the services layer as Web Services using **JAX**-**WS** wrapper.
* Developed user interface using **JSP** with **JavaBeans**, **JSTL** and **CustomTag** Libraries, **JS, CSS, JQuery, Node.js, HTML**, **SASS**and**Ajax** to speed the application.
* Developed standards-based web applications for various clients using**SQL**, **XHTML**, **DHTML**.
* Designed and developed the project using MVC design pattern and integrated **JSF 2.0.**
* Used **Spring 3.1** Framework for Dependency injection, Spring Web Services framework.
* Used **Hibernate 3.0** in data access layer to access, update and insert information in the database.
* Used Java **API** for **XML** Web Services (JAX-WS) to convert Java Objects to **XML** conversions.
* Used **HTML** and **CSS** in the development in front end of the application.
* Implemented various design patterns in the project such as **DAO**, Business Delegate, View Helper, Data Transfer Object (DTO), Session Façade, Singleton and Model View Controller.
* Used **ANT**,**Maven** build scripts to build the application and deploy on Web Sphere application server v8.0.
* Performed QA testing in on the front-end of the development cycle for gains in code quality, software functionality and programmer productivity.
* Developed different modules of the application using **IntelliJ** IDEA 13.1.
* Used **iText** API to generate PDF.
* Used **JUnit** 3 for unit testing and **Log4j** to log the logs.
* Used Perforce Visual Client for updating the view and used Serena Business Manager for bug tracking in test and production environment.
* Used Microsoft Outlook 2011 for Email Exchanges and Process to promote the code to higher environment (Test Environment to Production).
* Prepared the High Level and Low Level, UI standard, Code Review, Architectural Review and Project Approval Documents.
* Used Code Collaborator 8.5 to do the Code Reviews and Aqua Data Studio 14.0 - 64bit for Database UI Client.

**Environment:**AGILE,SCRUM,UNIX, AngularJS, JAX-WS, JSP, JSTL, JS, JQuery, CSS, Node.js, HTML, SASS, Ajax, ColdFusion, SQL,XHTML, DHTML, JSF, Spring, Hibernate, XML, ANT, Maven, Intellij, iText, Junit, Log4j.

**Penton Media, Kansas City, MO**

**Sept’13 –Jun’14**

**Senior Java / J2ee Developer**

**Description:** Developed RM Assessment tool which allows admin to create survey forms dynamically and publish the form URL to business partners. Users will take the survey which generates business model using the predefined scoring logic. Using the generated business model further suggestions was made to rectify the SDLC process.

**Responsibilities:**

* + Worked on complete life cycle, Design, development and testing using Agile methodology.
  + Doing requirement analysis and collaborate with business and design team.
  + Building responsive UI.
  + Exporting survey details and business model to PDF, Excel.
  + Creation of web based form editor to create survey dynamically.
  + Involved in Dynamic form generation, Auto completion of forms, user validation functionalities using **AJAX** and employed **JSON** as data format.
  + Providing quick data analytics for Business users.
  + UI was developed using **Angular JS, HTML and Bootstrap CSS**tosupport multiple devices.
  + Created business logic using **Spring MVC**.
  + Integration of user-facing elements developed by front-end developers with server side logic using **Node JS**.
  + Implemented data layer using **Mongoose ODM**with**MongoDB**as database for CRUD operations.
  + Implemented flexible routing and nested views in the application using **Angular.JS-UI-router**.
  + Implemented various validation controls for client-side validation with **Angular.js** and **HTML5**.
  + Worked with User Interfaces and applied usability principle to portals.
  + Used **NPM**, **GRUNT** for UI task runner and mastered in using the GRUNT commands for building and deploying the project.
  + Performed unit testing using **Jasmine** and **Karma**, along with integration testing Chrome Inspector to fix bugs and worked closely with QA.
  + Used **Bower** package manager to manage Angular.js and Bootstrap frameworks.
  + Participate in technology/tools evaluation and software technical proof of concepts.

**Environment:**HTML, JavaScript, JQuery, Angular.js, Node.js, Agile, Twitter Bootstrap, DOM, Webstorm, XML, XSL/XSLT, Ajax, JSON, **GIT**, **GIT**Hub, MongoDB, Mangoose ODM, GRUNT, NPM.

**Wright-Patt Credit Union, Inc., Dayton, OH**

**Nov’12 –Aug’13**

**Senior Java / J2ee Developer**

**Description:**Project Functionality includes processing the request submitted by the service provider by parsing the member information obtained from the request apply the transformation translation and claim processing logic to obtain the claim pricing information. Project is developed using the struts (MVC2) architecture with front end designed using JSP, tiles and the validations using the validator plug-in. System is designed to interact with the diamond(oracle) and the Siebel to obtain the member information.

**Responsibilities:**

* Involved in System Requirement Analysis and Design.
* Business Requirement Analysis and Use Case Analysis using Rational Rose 2000– UML.
* Designed the application using **MVC2, Factory, Data Access Object, and service Locator Patterns.**
* Designed and Implemented system with MVC architecture using Struts Coding involves writing Action Classes/Forms/Custom Tag Libraries/Tiles/Validator, JSP.
* Used **Rational ClearCase** for version Management.
* Used Visual Source safe for the requirement versioning.
* Developed Classes in **Eclipse** IDE, using the Class Specification provided in Rational Rose.
* Developed the **ANT scripts** for preparing **EAR and WAR** files used to **deploy J2EE components**
* Created several **JSPs, Java Beans** and **custom tag lib** for front end **designing of the website.**
* Used **Java Script** for Data validations in the front end part.
* Designed, developed and deployed necessary **stored procedures** in **Oracle 8.x.**
* Used **Eclipse** for developing **Java, JDBC** and**JBoss 3.2** for deploying WAR and EAR components.
* Used **Apache Xerces, JAXP and JAXBXML parsers** for data parsing and validation of xml schemas.
* Involved in design, development and deployment of Business Objects.
* Implemented **log4j** by enabling logging at runtime without modifying the application binary.
* Coding Different Java helper and validation classes for the Application logic and utilities.

**Environment:** Java, Eclipse ,J2EE1.3 , Struts 1.0.1/1.0.2,Spring,UML/Rational Rose 2000, Log4j, JMS, JSP, XML, XSL, EJB, Servlets, JBoss 3.x, Oracle 8I/Oracle 9I, Rational ClearCase, Sun/Solaris, Oracle 8.x/9i, Toad.

**HSBC, Pune, India**

**Jan’ 2010 – July 2012**

**Java / J2ee Developer**

**Description:** Designed and developed a web based software product for Human Resource Administration tool. This software can be customized for any employer to make the necessary changes to suit their requirement. This software manages information about the Employees, Performance review and Training System. The software also gives the facility for the employer and managers to develop their own reporting system according to their requirements.

**Responsibilities:**

* Responsible for developing Use Case, Class diagrams and Sequence diagrams for the modules using UML and VISIO.
* Used Spring Framework for dependency injection with the help of spring configuration files.
* Developed the presentation layer using **JSP, HTML, CSS** and client validations using JavaScript.
* Used **HTML, CSS, JQUERY and JSP** to created and UI.
* Involved in Installation and configuration of **Tomcat Server** .
* Involved in Dynamic form generation, Auto completion of forms and user validation functionalities using AJAX.
* Designed developed and maintained the data layer using **Hibernate** and performed configuration of Struts, Application Framework.
* Created stored procedures **using SQL for data access layer.**
* Worked on tuning of back-end stored procedures using **TOAD.**
* Involved in the configuration management using **CVS.**
* Developed various test cases and performed unit testing using JUnit..
* Developed **Unit test cases** for the classes using **JUnit/Eclipse**.
* Developed stored procedures to extract data from Oracle database.
* Application developed with strict adherence to **J2EE** best practices.

**Environment:** Java, J2EE, JSP, Servlets, Hibernate, SQL, Web Services, SOAP, WSDL, JUnit, Tomcat ,Mysql, CVS and Windows.

**MOTOROLA, Pune, India**

**May’08 –Dec’09**

**Java / J2ee Developer**

**Description:**This project is broadly divided into two modules: User Module and Administrative Module. Registered users can loginto their accounts which includes Payment Info, Contact Info, Validating payments and sending acknowledgementmails to the users as well as to the administrator. Administrator module allows validating user profiles.

**Responsibilities:**

* Involved in Customer and Admin modules, understood the technical specification.
* Worked on presentation layer with **JSP, HTML, CSS, AJAX** and **JavaScript.**
* Used Hibernate as the persistence/ORM framework, for mapping the objects into **MySQL** Database. Coded hibernate configuration and mapping files. Developed one-to-one and one-to-many mappings.
* Developed web services using SOAP, WSDL and Apache Axis, done XML transformation and parsing using **XML**, **XML** schema, **XSLT** and **XPath.**
* Implemented **JavaMail** API to send order confirmation and updates to the user.
* Developed unit test cases using JUnit and involved in unit testing and integration testing.
* Done clustering and load balancing in tomcat server to achieve scalability of the application.

**Environment:** J2SE 1.4, Servlets, Tomcat 5.0, Struts 1.1, Hibernate 2,JDBC, MySQL, SOAP, WSDL, Webservices, XML,XSLT, EJB-Stateless session, XPath, XML Schema, Unix, Eclipse, HTML, CSS, JavaScript, ANT, Log4J, JUnit, Eclipse,Bugzilla.

Education Qualification:

Bachelors in Electronics and Communication Engineering from JNTU, Hyderabad, India.