**Hiren Modi (Australia PR)**

**Address:**

Unit 12,

24-28 Mons Road,

Westmead, NSW 2145

Email: [mrhirenmodi@gmail.com](mailto:mrhirenmodi@gmail.com)

Ph. (M) **(+61) 411327258**

**Professional Synopsis**

* **8+ years** of strong experience **Angularjs + Java Full Stack Developer** to develop banking & financial IT projects.

**Experience Snapshot:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Company** | **Client** | **Duration** | **Project Name** | **Technologies & Tools Used** |
| Hays Pty Ltd. | City of Sydney | May 2016 - till date | Sydney New Years Eve  Website: [http://www.sydneynewyearseve.com/](http://www.sydneynewyearseve.com)  Admin site: <https://vpapp.sydneynewyearseve.com> | **HTML 5, Angular JS, Javascript, Jquery, Sass/CSS3**, **Java**, **web services(Rest)**, SVN + **GIT**, Tomcat, Sublime, IntelliJ, Maven, Firebase database(No SQL), **AWS**, Junit 4, Jira, Cornerstone, Git tower, Prepos, Gulp |
| Sensis pty ltd | Sensis pty ltd (Truelocal) | Nov 2015 – May 2016 | **Truelocal**  Website: [www.truelocal](http://www.truelocal/)  .com.au  Apps:  Truelocal | **HTML 5, Angular JS 1.5 & 2,** **Javascript, Jquery, Less/CSS3**, Ajax, EJB3(Stateless Session bean), **Java 7, Spring** MVC, **GIT**, Hibernate, MS SQL Server, Tomcat, IntelliJ, SQL Developer, Maven, **AWS**, Junit, Atlassian Products(Bitbucket, Bamboo, Jira), Sourcetree, Sonar, Gulp |
| Polaris Consulting, Australia | Commonwealth Bank | Apr 2015– Nov 2015 | Process Automation | **HTML 5, Angular JS, Javascript, Jquery**, **Java 7,** SpringRest services, SVN, Hibernate, STS-Eclipse, MS SQL Server, Tomcat, SQL Developer, Maven, Linux, Junit 4, Gulp, Jenkins |
| Comtel Solution, Singapore | Equinix | Mar 2014- Dec 2014 | Partners Portal | **HTML 5, Angular JS,** **Spring** AOP+MVC, Hibernate, Test NG, Selenium, Karma + Jasmin, Mockito, JMockit, SQL/PL SQL, Oracle 11g, Jetty, GIT, Web services(REST + SOAP), Linux |
| Standard Chartered Bank, Singapore | Standard Chartered Bank | Mar 2009-Feb 2014 | Creditmate - Loan Origination | Struts 2.0, spring, Ibatis, JMS-MQ, Sql/PL SQL, RAD, Java Script, Jquery, Ajax, Oracle 10g, Sql Developer, SVN, Web service, Docs Compare, Linux, WinSCP |
| Integro Technology, Singapore | EON Bank | Sep 2008-Mar 2009 | Retail Loan Origination | JSP, Struts, Hibernate, EJB, Web logic, Java Script, DB2, Toad, SVN |
| HCL Technologies, Singapore | Deutsche Bank | Aug 2006 -Aug 2008 | New Central Billing Engine | Java, JSP, Struts, Websphere, Java Script, Oracle, PL/SQL, CVS, Dia |
| Arpit Enterprize, India | IRP | Aug 2005 -Mar 2006 | International Registration Plan | Java, JSP, Struts, 4 Web sphere, Java Script, Oracle, PL/SQL, SQL, SVN |

##### Award/Achievements

1. **Outstanding Performer award 2009** from **Standard Chartered Bank**, Singapore
2. ***Asia Pacific best performer award 2007*** from **HCL Technologies**, Singapore for **Deutsche Bank Project**.

Employment Experience

**City of Sydney**

**Full Stack Developer(Java + Angularjs)**

**May 2016 to till date**

**Project Title:** Sydney New Years Eve (<http://www.sydneynewyearseve.com>)

**Team:**  5 members

**Technologies:** HTML 5, AngularJS, Sass/CSS, **Java**, **web services(Rest)**, **SVN** + **GIT**, Tomcat, Maven, Firebase database(No SQL), **AWS**, Junit 4

**Tools Used:**  IntelliJ, Sublime, Docs Compare, Jira, Cornerstone, Git tower, Prepos,Gulp

**Design Methodology:** OOA&D, Design Pattern, Agile (**Scrum**)

**Project Detail:** An online public hosted website for tourists and local travellers who are visiting Sydney during new years eve. Helps the user to know where events are going on, what time, free or ticketed event, accessibility, parking, toilet, near by police station etc… People can see the live update on site if the museum kind of places are getting full or not during that time.

This whole website is controlled by backend admin tool where all the information configures. Each vantage points will be access by specified role users. Admin tool has facility to crop the images going to upload, see the preview page, google map help to search the address and also facilities admin users to move the marker on google map which automatically fetch the actual address based on pin marker.

**Roles/Responsibilities:**

* Scrum based agile development team. Sprint size is mostly 2 weeks.
* Java based Jersy Rest services has helped to develop the admin tool which has role based access to create, update, delete the vantages point and their configuration data.
* The website is hosted in AWS tomcat server.
* Junit and Jasmine based Test Driven Development (TDD) makes the development faster, easy and testable.
* Responsive screen development using CSS3 media queries.
* Complete unit testing using Jasmine and Junit 4. Code coverage must have achieved 75% of the code.
* Build AngularJS component, directives, services, provider and filters for the web pages.
* Gulp has been used for JS/CSS file Minification, auto injection, HTML templatecache, testing and building purpose.
* Technical development of the user story picked/assigned to me.
* Everyday updates on my previous day activity and today’s activity in morning stand up meeting with scrum master.
* Software Project Management e.g. Low level design document, Unit test case document, SIT test document.

**Truelocal Pty Ltd**

**Full Stack Developer**

**Nov 2015 to May 2016**

**Project Title:** Truelocal

**Team:**  11 members

**Technologies:** HTML 5, Angular JS 1.5 & 2,Less/CSS, Ajax, **EJB3**(Stateless Session bean), **Java 7, Spring** MVC, **GIT**, Hibernate, MS SQL Server, Tomcat, Maven, **AWS**, Junit, Sonar, Jasmine-Kamra

**Tools Used:**  Eclipse/IntelliJ, SQL Developer, Docs Compare, Atlassian products(Jira, Bamboo, bitbucket)**,**

Gulp

**Design Methodology:** OOA&D, Design Pattern, Agile (**Scrum**)

**Project Detail:** It is an online customer review website, apps running on internet. They have a hundreds of customer who give their advertisement online for marketing purpose. This website will provide facility to put your feedback, comments of the service provider. AngularJS based responsive site gives a better performance to our end users.

**Roles/Responsibilities:**

* Scrum based agile development team. Sprint size is mostly 1-2 weeks.
* End to End Development, enhancement of the UI and backend APIs.
* Test Driven Development (TDD) makes the development faster, easy and testable.
* Web Application & Enterprise Framework: Spring framework (for IOC/Dependency Injection), Spring MVC
* Object Relational Mapping (ORM) framework: Hibernate
* Responsive screen development using CSS3 media queries.
* Complete unit testing using Jasmine and Junit 4. Code coverage must have achieved 70% of the code.
* Build AngularJS directives and filters for the web pages.
* Gulp has been used for JS/CSS file Minification, auto injection, HTML templatecache, testing and building purpose.
* Technical development of the user story picked/assigned to me.
* Everyday updates on my previous day activity and today’s activity in morning stand up meeting with scrum master.
* Software Project Management e.g. Low level design document, Unit test case document, SIT test document.

**Commonwealth Bank of Australia (Polaris Consulting Pty Ltd)**

**Senior Developer**

**April 2015 to Nov 2015**

**Project Title:** Process Automation

**Team:**  6 members

**Technologies:** HTML 5, Angular JS, Ajax, **Java 7,** **Spring,** **Web Services(Soap)**, **SVN**, Hibernate, STS-Eclipse, MS SQL Server, Tomcat, Maven, Linux, Junit 4

**Tools Used:**  Eclipse, SQL Developer, Docs Compare, WinSCP, Jira, Jenkins

**Design Methodology:** OOA&D, Design Pattern, Agile (**Scrum**)

**Project Detail:** The Process automation application is an online as well as batch process which runs every night for get the feed from multiple system using web services call and do the required business processing for the data received from the source system. It will generate the reports for the failure cases and send it to the support team for further investigation on the failure records.

**Roles/Responsibilities:**

* Rest web service use to fetch the data from source system and process in the current system. Later generate the reports for error prone data to support team to look at further on the defective records.
* PL/SQL procedure call help to write the data related logic in MS SQL server.
* Web Application & Enterprise Framework: Spring framework (for IOC/Dependency Injection), Spring Rest
* Object Relational Mapping (ORM) framework: Hibernate
* Design & implementation of REST Web Services
* Build tools and management: SVN, Maven
* Build the AngularJS based Single page application to automate the process.
* Use the various build in AngularJS e.g. ng-route, ng-csv
* JUnit 4 used to test the Java related code.
* UI testing is done using Jasmine Karma framework on phantom JS headless browser.
* Help business analyst to finalize the user story with technical feasibility called 3-way handshaking.
* Prepare & design the technical document for the development which includes GoF Design Patterns, UML, ERD, Flow chart.
* Technical development of the user story picked/assigned to me.
* Everyday updates on my previous day activity and today’s activity in morning stand up meeting with scrum master.
* Software Project Management e.g. Low level design document, Unit test case document, SIT test document available in confluence.
* Test Driven Development (TDD) makes the development faster, easy and testable.
* Tomcatis used to deploy the application on Linux server. WinSCP is to connect on Linux server to see the logs generated on server.

**Comtel Solution Pte Ltd (Equinix Pte Ltd)**

**Senior Developer**

**March 2014 to Dec 2014**

**Project Title:** Partners Portal

**Team:**  5 members

**Technologies:** HTML 5, Angular JS, Spring AOP+MVC, Hibernate, Test NG, Selenium, Karma + Jasmin, Mockito, JMockit, SQL/PL SQL, Oracle 11g, Tomcat, GIT, REST Webservice, Linux, Jenkins, Maven

**Tools Used:**  Eclipse, SQL Developer, Docs Compare, WinSCP, and Jira

**Design Methodology:** OOA&D, Design Pattern, Agile (**Scrum**), **TDD**

**Project Detail:** The partner’s central application is being developed for Equinix’s partners/customers.

The internet based system allows Equinix partner/customers to access the application for the various business purposes e.g. Billing Information, Billing Plan Details, Any new offer, New User Registration. Based on their own login users can find the company’s latest update on the application’s dashboard page for the recent activities perform for easy access.

**Roles/Responsibilities:**

* Write production level code using object oriented patterns & techniques
* Use unit test tool (JUnit, TestNG), patterns & techniques and strive for high (> 80%) code coverage.
* Test Driven Development (TDD) makes the development faster, easy and testable.
* Nightly build will execute all the unit test cases and integration test cases during the build process every midnight. Any test case failed will result in build failed.
* Mentor more junior team members by doing code review (formal and informal) and pair programming
* Lead teams with various sizes (2 to 3 members) and meet agreeable deliverable on budget and on schedule.
* Analyze and design software using object oriented patterns, including GoF Design Patterns, J2EE patterns diagram, UML, structural analysis (flow chart, ERD diagram), etc
* Scrum based agile methodology extensively instead of old Waterfall methodology.
* Software Requirement process (Elicitation/Gathering with client, Analysis, and Specification into SRS and other documents)
* Software Project Management
* Web Application & Enterprise Framework: Spring framework (for IOC/Dependency Injection), Spring MVC, Angular JS MVC
* Object Relational Mapping (ORM) framework: Hibernate
* Design & implementation of REST Web Services
* Build tools and management: Apache Maven

**Standard Chartered Bank, Singapore**

**Senior Developer – Credit Risk**

**March 2009 to Feb 2014**

**Project Title:** Wholesale Bank - Credit Risk (Creditmate, SCI, CMS)

**Team:**  10(onsite – Development Team) + 15(offshore – Support Team)

**Manage Team: 3 Resources**

**Technologies:** Struts 2.0, spring, Ibatis, JMS-MQ, Sql/PL SQL, RAD, Java Script, Jquery, Ajax, Oracle 10g, Sql Developer, SVN, Web service, Docs Compare, Linux, Single Sign On (SS0), WinSCP, Websphere

**Design Methodology:** OOA&D, Design Pattern, **Agile (Scrum)**

**Project Detail:** Credit Risk Department work for Creditmate, SCI & CMS Applications. I have managed the team of 5 resources in my projects.

**Creditmate Application:**

Credit Rethink application manages the end-to-end credit approval process with improved quality of data presented for credit analysis, ensuring compliance to credit policies, and standardizes processes across customer segments and geographies. This application will automate the Credit Approval workflow for the wholesale banking within Standard Chartered bank.

**Single Customer Interface (SCI):**

SCI system is a downstream system for Creditmate application. SCI system sources the customer information, Creditmate grade, collateral, co borrower, Pledgor information from Creditmate system who has taken a loan approval.

**Technologies used to develop modules:**

* **DOM parser** used to build the XML based loan approval validation logic to configure & check all the validation dynamically based on roles, countries access etc. Later this code jar files loaded in oracle which can be called by oracle procedure. It helps to eliminate the numerous application servers to database server calls.
* Substantial use of **Jquery** has reduced unnecessary long lines of java scripts code to implement client side validation.
* **Jquery Query based Ajax** calls have to reduce the complete page loading to refresh the part of page or section.
* **J2EE Web Service** has been implemented to send/receive data based on secure token authentication. SSL certificate has been deployed on the server to make sure the authentic web service call comes from the other system.
* Later above mentioned service has been modified with **Oracle Single Sign On** implementation when once the user logged in to 1 system can access 9 different system.
* **JMS online MQ** used to communicate with the third party system (Moody’s Risk Analyst) to get financial data to calculate & developed Spread Module.
* **Struts2** has been use to achieve the MVC architecture for the project.
* **Springs** has been use to manage the AOP part of the project e.g. transaction, logger etc.
* **iBatis** framework use to developed for the object relation mapping with database to querying database & get the output.
* **Velocity** jar used to generate XML files to send some notification to other system using **MQ online Messaging**.
* **Java mail** service use to send the email notification when the application required sending various business users.
* **XSLT and JaxP** has been use to transform XML data to PDF file. This has been use to generated & send the PDF file from the XML data received from the other systems.
* **JaxB** has been use to load the java component object based on XML files (received from different systems). Later this java component loaded data has been store in to the database.
* iText jar has been used to generate PDF reports. This code has been run over scheduler server where the **Cron Job** has been configured & deployed.
* **Winscp** tool used to transfer files from local machine to different servers.
* **Jira** tool has been used to log & tracker the SIT/UAT issues raised and closed for the project.

*Apart from Development activities, I also do following activities:*

* Once the business requirements signed off, I have to prepare a functional specification document & circulate across the business team. The use of **Ms-Visio** helps me to draw the flow diagrams.
* I have to work on critical development areas, exploring the new tools/technologies, build reusable components, design, and architecture framework for the developing module.
* I have to review the developer’s code and also complete couple of testing rounds before it handovers to the SIT/UAT team.
* Developers have to commit the code in **SVN** server on time to time. I’ve to help them if any issues arises e.g. file conflicts, merging issue.

**EON Bank (Integro Technologies)**

**Senior Software Developer**

**September 2008 to March 2009**

**Project Title:** RLOS (Retail Loan Origination System), Malaysia

**Team:**  35

**Technologies:** JSP Struts, Hibernate, EJB, Web logic, Java Script, DB2, Toad, SVN

**Project Detail:** The Retail Loan Origination System is developed for the Malaysia’s

**EON bank**. The purpose of the application maintain a data for the customer who has apply for a loan to the bank. Bank take a security/collateral to approved the loan for customer e.g. Goods, Fixed Deposit, Share, Property. Our application will store this information & transfer the application for approval from different level of officer automatically by system.

**Roles/Responsibilities:**

* Preparing technical specification document to develop the module.
* After tech lead’s review on tech specs, I have to start developing assign module/screens.
* Prepare the unit test cases, execute the test case & capture the result in the test sheet.
* Jmeter help to do load/stress testing of my application module/screens.
* Developed entire collateral module for different screens like goods, FD, Share, and Property.
* Version controlling of oracle database objects, java codes using SVN version control.
* Documentation:-
  + Class diagram, E-R diagram, Database Model.
  + Unit test cases, unit test results, Stress testing (JMeter)
  + Coding Standard, Code review

**Deutsche Bank (HCL Technologies)**

**Senior Software Engineer (Tech lead)**

**July 2006 to August 2008**

**Project Title:** NCBE (New Central Billing Engine), Europe

**Technologies:** JSP, Struts, Websphere, Java Script, Oracle 10g, PL/SQL, CVS, Dia

**Project Detail:** The New Central Billing System is developed for the **Deutsche Bank**. The purpose of the application of calculate, generate and sending a bill to their corporate customer. Bank provides some services to their corporate customer and makes a charge for the same. The billing calculation depends on customer’s usage of services, type of services.

**Project Title:** C Watch (Collateral Watch), Singapore

**Project Detail:** C-watch is the application to facilitate collateral risk monitoring. PWM (Private Wealth Management), Bank has high net worth client across Asia and a wide portfolio of products, some of which are very complex in nature.

**Roles/Responsibilities:**

* Developed entire batch process for the calculations of billing accounts using oracle 10g.
* Create object oriented java code and UNIX scripts for the execution of batch process development e.g. loading of the files in database coming from different country’s processing system.
* Prepare the unit test cases, execute it & store the test results
* Fix the SIT/UAT issue raised
* I have to do code review of the team member’s source code.
* Version controlling of oracle database objects, java codes using CVS version control.
* Documentation:-
  + Process flow diagram, Data flow diagram, Class diagram, E-R diagram, Database Model using Dia software.
  + LLD(Low level design) from the HLD(High level design)

**IRP (Arpit Enterprize Pvt Ltd.)**

**Software Developer**

**August 2005 to April 2006**

**Project Title:** IRP (International Registration Plan)

**Technologies:** JSP, Struts, Web sphere, Java Script, Oracle 10g, SQL, SVN

**Project Detail:** A Complete Web Application designed to perform the System which service and support transportation and licensing operations throughout the North American Jurisdiction which includes State Vehicles and Driver System, Motor Carrier System, Safety Administration and Licensing System.

**Roles/Responsibilities:**

* Develop the various module use in the project
* Create object oriented robust java code for the develop module.
* Version controlling of java codes using SVN version control.
* Documentation:-
  + LLD(Low level design) from the HLD(High level design)
  + Unit test cases, unit test results

##### Educational Credentials

2005 Masters in Computer Application (MCA), L.D. College of Engineering, Gujarat University, India

2002 Bachelors of Information Technology & Computer Application (BIT&CA), Saurashtra University, India

1999 H.S.C. (Science) from Gujarat State Education Board, India

1997 S.S.C. from Gujarat State Education Board, India