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| **Ashwin Pai**Email: ashwin.mourinho@gmail.com |  | Professional Profile |
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| **Role Tags:** |
| Sr Application Developer**Certifications:****Coursera Certificate-Successfully Completed training in Deep Learning And Neural Networks** |
| Technical Skill Tags: |
| Front-end Development, Oracle ADF, JAVA, C, C++, JavaScript, Angular 6, Apache Hadoop 2.3, Apache HBASE 1.4, Apache Hive, Apache Spark, Apache Drill ,Oracle JET TypeScript, Requirements Gathering, UI Integration & Testing, Embedded Systems Programming and UI programming for Mobile Apps |
| Non-Technical Skill Tags: |
| Team Lead, Customer Relationship, Project Coordination, Code Reviews, Presentations, Process Definition |
| Tools & Technology:JAVA, C,C++Oracle ADFHQL,SQL,REST,SOAPJ-QueryAngular 6Apache Hadoop,Apache HBASEApache SparkApache HiveOracle Database 12cApache DrillWebLogic Application ServerEclipseLink ORMNodeJSTypeScriptOracle JET |
| HTML5XHTMLCSS 2/3JavaScriptAjax XMLTortoiseSVN 1.4.2Rational ClearCaseMS-OfficeAdobe Dreamweaver |

 |  | * Over 11 years of experience in the field of Software Development including industry and Education.
* Extensive use of C, C++, JAVA, Oracle ADF (Application Development Framework), Eclipselink, Hadoop, Apache Spark, HBASE, Hive, Angular 6, ORM, SQL Development, Oracle Database 12c, Weblogic Application Server, JavaScript, Oracle JET, AJAX, JSON, Oracle ADF, HTML5, CSS3, TypeScript, NodeJS maintaining high level of proficiency.
* Excellent knowledge of object oriented programming concepts in languages like JAVA and C++
* Expertise in working with YUI framework and jQuery as well as excellent knowledge in ExtJs and DOJO.

**Education:*** **2005:** Bachelors Degree in Electronics and Telecommunication from K.J Somaiya College of Engineering, Mumbai University, Mumbai, INDIA.
* **2008:** Masters of Science in Electrical and Computer Engineering from Western Michigan University, Kalamazoo, Michigan , USA

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**Key Projects Synopsis:*** **Oracle Financial Software Services :** Currently working on Oracle Banking Platform using Oracle ADF and JAVA. Used EclipseLink supported Hibernate Query and Named Query Language on the Application Host. Worked on REST and SOAP architecture. Created Analytics dashboard by leveraging technologies like Apache Hadoop, Apache Spark, Apache HBASE and Apache Drill. Also worked on UX prototyping which involved extensive use of object oriented JavaScript, jQuery.
* **J.P. Morgan Chase *HSA* @ Mphasis:** Developed the front end UI for mobile web application using HTML5 and CSS3. Also involved in UI integration with the back end and end to end testing
* **J.P. Morgan Chase Wealth Management @ Mphasis**: Continued support to the front end team in developing and maintaining web controls. Working with the Application Development team to develop these required web controls.
* **Midtier @ BMC Software(Client) for Bartronics America:** Extensively use object oriented concepts of JavaScript along with the third party JavaScript library Yahoo User Interface 2.7 and CSS in the implementation of the new feature Rich Text Widget added in one of the existing Remedy applications called Developer Studio.
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| **Ashwin Pai**Email: ashwin.mourinho@gmail.comTel No:9819970852 | Work Experience |
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| **Project:** Oracle Banking Platform **Employer:** Oracle Financial Software Services**Duration:** 6 years June 2013- Current**Role:** Sr Applications Developer**Environment :** JAVA, Oracle ADF , EclipseLink ORM, (Application Development Framework), Angular 6, Oracle 12c Weblogic, JavaScript , jQuery, Oracle JET, REST, SOAP, Oracle Database 12c,Apache Hadoop 2.3, Apache HBASE 1.4, Apache Spark, Apache Drill, Node js, TypeScript | **Description:** Application Development using Oracle ADF for UI implementation and JAVA along with Eclipselink ORM for Host implementation . The end product is Oracle Banking Platform.**Activities:*** Extensive coding on the Application Host for Oracle Banking Platform using JAVA, ORM, Eclipselink supported HQL, SQL and Named Query Language. Write junit tests for all the APIs created.
* Leveraged Eclipselink ORM for persisting entity objects into DB tables. Used ORM for mapping of JAVA entity objects with relational schema objects on Oracle Database 12c.
* Also created an internal tool using C++ to gauge the performance of JAVA classes by implementing the JVM –TI interface
* Developed a Funds Transfer UI interface using Oracle JavaScript Extension Toolkit
* Created REST APIs to hook up the Funds Transfer UI to using AJAX call.
* Generated SOAP Web Services and exposed them using SOAP WSDLs.
* The REST APIs were internally calling the SOAP APIs using JAX-WS Factory implementation.
* Extensively used Oracle 12c WebLogic for deployment of UI and HOST applications
* Writing of technical documentation of API’s created
* Extensively using Oracle ADF and JAVA to create UI components on the development side
* Created Analytics dashboard by leveraging technologies like Apache Hadoop, Apache Spark, Apache HBASE and Apache Drill. The front end for the same was created using Oracle JET with TypeScript. Used Node to install JET and also serve the JET project.
* Also created challenging Proof of Concepts using Oracle ADF.
* Develop Front end of banking screens of Oracle Banking Platform using Oracle ADF.
* Extensively using jQuery and JavaScript to create UI plugins and components for UX prototyping
* Also created a Proof of Concept using Angular and created some client side templates applying the Angular JavaScript framework on the template for an internal application.
* Working closely with the Wireframe and functional teams to analyze requirements and propose solutions.
* Developed prototypes, custom scrollbar plugin, Panel Collection plugin (enhanced version of HTML table) using jQuery and also invoked multiple forms inside accordion.
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| **Project:** J.P. Morgan Chase **Customer:** JPMC**Employer:**Mphasis**Duration:** 2years(June 2011-June2013)**Role:** Software Developer**Environment :** HTML, CSS, jQuery, JavaScript , ExtJs | **Description:** Development of UI using HTML,CSS and jQuery and integrating the web controls with the front end UI**Activities:*** Part of the front end team in developing and maintaining web controls.
* Extensively used jQuery and JavaScript to build UI Controls
* Working with the Offshore Application Development team to develop these required web controls.
* Working closely with the onsite teams to analyze requirements and propose solutions.
* Develop prototypes and implement them in the live website.
* Developed prototypes, accordion control using jQuery and also invoked multiple forms inside accordion.
* Co-ordinate with onsite and offshore teams to complete tasks
* Also created a POC where I helped creating a service based on trading algorithm using C/C++
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| **Project:** Midtier @ BMC Software(Client) for Bartronics America **Customer:** BMC Software**Employer:**Bartronics America**Duration:** 1 Year **April 2010-April 2011****Role:** Product Developer**Environment :** HTML, CSS, YUI, JavaScript, C,C++, ARServer API | **Description:** Extensively used object oriented concepts of JavaScript along with the third party JavaScript library Yahoo User Interface 2.7 and CSS in the implementation of the new feature Rich Text Widget added in one of the existing Remedy applications called Developer Studio.Also implemented AR Server APIs using C and C++.**Activities:*** Extensively use object oriented concepts of JavaScript along with the third party JavaScript library Yahoo User Interface 2.7 and CSS in the implementation of the new feature Rich Text Widget added in one of the existing Remedy applications called Developer Studio.
* Created AR Server APIs using C++. Developed front end forms using Visual C++ for desktop applications.
* As part of migration from desktop to web, Recreated a lot of APIs in JAVA.
* Worked on the company patented Midtier component which acts like a Web Client to the Remedy applications like Service Request Management, Incident Service Management to name a few.
* Also worked in a team dedicated to namespacing the entire midtier code.
* Use Perforce as a Source Control Management to check out and check in JavaScript and CSS files.
* Extend the YUI library to add toolbars to the existing Rich Text Field to create tables, add functions, properties and make structural changes to the tables.
* Develop the application in accordance with the Section 508 Compliance standards.
* Use Iframes extensively as a workaround for IE6 to avoid bleedthrough of windowed elements
* Interact with the developers and QA team and figure out better ways to implement a functionality
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| **Project:** Pixie Engine Development @ Human Network Labs**Duration: 8 months July 2009-March 2010****Employer:** Human Network Labs**Role:** Embedded Software/RF Engineer**Environment :** C,C++,MATLAB,ARM9,Nanotron | **Description:** Human Network Labs (HNL) unique patent pending technology provides precise location of nearby people and objects indoors or outdoors. **Activities:*** Model physical dynamics, geometry and equation solving via simulation tools (such as MATLAB,Excel)
* Apply mathematical analysis to dynamic systems for localization/topology acquisition, such as multilateration, triangulation methods, ranging of the devices known as Pixie Engine including it’s physical modeling.
* Apply data filtering, statistical techniques (Bayesian model, MLE, Kalman filtering sensitivity analysis, etc) for smoothing and prediction analysis for collected hardware data
* Implementation of the algorithms on the hardware ARM Processor and Nanotron Radio using C programming in a Contiki based environment and Keil uVision as the IDE.
* Coordinate implementation with the hardware and software development team.
* Support the software development process, including the complete requirements analysis, design, development and testing.
* Improve performance, scalability, and sustainability of current systems
* Diagnose and debug issues in a production environment
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| **Project:** : Lowe’s working for MacQuarium,Charlotte,NC **Customer:** Lowe’s**Employer:**SRG America**Duration:** 4 Months**Role:** Sr. Web Developer**Environment :** HTML,CSS,JavaScript,DOJO | **Description:** Manage and develop the prototype, analysis, develop and troubleshoot complex HTML/XHTML code, apply JavaScript and perform UI Testing, and Interact with clients on a regular basis.**Activities:*** Extensively using DOJO and CSS to fix bugs primarily cross browser (mainly IE6) on the front end side and interacted with the QA team using the Mercury Test Director bug tracking software.
* Fixing Bugs on the server side JSP pages that renders the HTML.
* Also used JSTL to modify the JSP tags and helped in a more robust and efficient code.
* Used TeamSite as a CVS tool to check in JavaScript and CSS code
* Recreated and enhanced certain DOJO functionalities like magnification of images, positioning of the tooltips,dialogs and contentPane.
* Used Iframes extensively as a workaround for IE6 to avoid bleedthrough of windowed elements
* Interacted with the developers and QA team and figured out better ways to implement a functionality
* Created different print stylesheets for the webpages for both Mozilla Firefox and IE.
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| **Project:** FAFSA**Customer:** Intuit**Employer:**SRG America**Duration:** 4 Months**Role:** Software Engineer | **Description:** Understand, design and develop the project framework. Also perform ed end to end integration with the back end REST architecture.**Activities:*** Extensively used Javascript along with the library, JQuery to add more functionality and animation on the web pages
* Regularly interacted with the editorial QA to place and arrange the content on the pages and create functionalities based on the requirements of the editorial QA and the product management team
* Used AJAX to connect to the back-end REST API architecture and pass parameters using either GET or POST requests
* JSON is the data format that is used to interact with the backend architecture. JSON data on the client side was processed appropriately and helped in prepopulating the form data on the UI on GET requests
* Used JBoss as the Application Server to deploy the web application and used Eclipse as the IDE.
* Coded an application in C# on the .NET Framework for a different team and used SQLServer to create stored procedures and triggers
* Extensively used Perforce as a CVS to check in and check out files and ensured that there were no conflicts and even if there were, resolved it efficiently.
* Assisted the back-end team in writing the JAVA code to parse the XML data or to process XML DOM

and also used JAXP in the initial stages of the project .* Used and modified CSS to style the document according to the team’s needs.
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