

Extremely Skilled Software development professional with 10 years in software design, development and integration.

LANGUAGES AND TECHNOLOGIES

Programming Languages:	Java/J2EE, JavaScript (Backbone.js, AngularJS, JQuery, YUI)
Web Technologies:	RESTful web services, Spring, SAML, Hibernate, LDAP, OAuth, SOAP, JSP, Servlet, Struts, HTML5, CSS, XML, JSON, JavaScript, jQuery, AJAX, AngularJS, Backbone.js, Handlebar templates, less WebLogic, Tomcat, JBoss, MVC
Databases:	Oracle, MySQL
Tools:	Eclipse; NetBeans; Spring Tool Suite
Testing Frameworks:	Junit, Jasmine.js
Platforms:	macOS, Windows, LINUX, UNIX.
Software Management:	Git, Maven, SVN, CVS
Other backend technologies:	Jenkins, DevOps, Source Clear, DWR, Hudson Continuous integration

Full Stack Developer Stanford University – Redwood City [May 2018 – Present]

- Full stack development using jQuery, backbone.js, react.js, underscore.js, Backend technologies include Java/J2EE.
 - Develop web applications to support Students, Patients and faculties in the University
 - Developed new spring micro service API's to serve the data to web applications and smart devices.
 - Applied role-based authorization to the requested web pages and API's
 - Added layered level JUnit tests for new and existing service API's
 - Added unit test cases for UX functionality using jasmine.js and mocha.js.
 - Used git for source code management, Jenkins for continuous build integration and used DevOps for deployment
 - Familiar in Jira Sprint board
 - Good knowledge in Scrum, Agile methodology. Experience to quote the story by planning poker cards.
- Technologies used:** Java/J2EE, REST, Spring, Oracle, Maven Ajax, css, less, junit, Backbone.js, Handlebar templates, Jasmine.js, Grunt, DHTML XML, XSD, SAML, DOM

Full Stack Developer Infosys(Client: Apple.) Sunnyvale & Trivandrum – India. [May 2014 – May 2018]

- Full-stack development using jQuery, AngularJS and the backend technologies include Java/J2EE.
- Working closely with the whole technical and business team and leveraging our collective technological and domain knowledge to build the software using jQuery, AngularJS, and Java in the backend.
- Designed a brand-new web application for apple customers across the world, and it is available for the public. [ara.apple.com]
- Developed a role-based authentication mechanism.
- Integrated the spring IOC and AOP
- Developed custom data structures and algorithms to enable and disable the throttling mechanism to sustain the system stability on the peak.
- Developed corn and quartz non-peak hours jobs to sync up data from different third-party systems.
- Developed cron based Multithreaded job to purge the customer's PII data.
- Worked on building database query builder to resolve the future model level enhancements.
- Developed process and query kind of API for internal and external mobile and web applications.
- Integrated the application with SAML, OAuth and other Apple internal systems through REST and RPC services
- Good knowledge about the network topology of the system.
- Performed unit testing using Junit frameworks.
- Worked on web/application servers, Apache Tomcat, JBoss, and WebLogic.

Technologies used: Java/J2EE, REST, Spring, Struts, JSP, Servlets, JDBC, Ajax, AngularJS, Grunt, jQuery, Oracle, css, junit, DHTML XML, XSD, SAML, LDAP, SAX, DOM

- Developed various UX Forms and corresponding bean classes.
- Developed java bean components represent business logic.
- Used struts2 MVC architecture.
- Enabled servlets, listeners and filters.
- Using Hibernate class for mapping and prescience.
- Developed database DML and DDL queries
- Involved in the design and development of UI components, using frameworks Angular JS, JavaScript, HTML5, CSS, and Bootstrap.
- Development, testing and deployment experience of enterprise applications on Windows 98 / [...] / XP, Linux, Knowledge in UNIX Shell Script & UNIX platforms through IDE's such as Eclipse.
- Developed email interface using YUI email component and developed all functionalities as full-stack development
- Involved in R&D and solved R&D related issues

- Developed various JSP Forms.
- Worked with core UI team and developed custom tag libraries
- Integrated existing YUI components to jQuery
- Developed java bean components represent business logic.
- Used struts2 MVC architecture.
- Enabled servlets, listeners and filters.
- Enabled authentication and used based authorization.
 - Developed a module called User management
 - This module has the pages to
 - Create user
 - Create roles for the user
 - Create pages with action and activities
 - Grouping users to roles
 - Create Jobs [Group of Pages and their action & activities]
 - Assign jobs to groups
 - Technical details
 - All JSP pages are configured in the Database table with required information's
 - All request will be validated and applied needed authorization based on the configurations and user role/level
- Developed Single Sign-On feature
- Used Hibernate as an ORM Framework for productive application development by reducing development time, complexities and increase flexibility.
- Extensively involved in developing core persistence classes using the Hibernate framework, writing HQL queries, creating hibernate mapping (.hbm) files, DB schema, and PL SQL changes.
- Consumed Web Services to implement application search functionality.
- Published and consumed Web Services using SOAP, WSDL and deployed.
- Used the Java Collections API extensively in the application.
- Used Hibernate class for mapping and persistence, first and second level cache, the transaction manager
- Developed database DML and DDL queries
- Worked on OOAD and OOP from designing UML diagrams
- Involved in R&D and solved R&D related issues

- Full-stack development using jQuery. Backend technologies include Java/J2EE.
- Developed various JSP Forms.
- Developed java bean components represent business logic.

- Developed a core Document Management application and exposed the functionalities as API's for other projects
- Developed independent i18 application from scratch and exposed the functionalities as API's for other teams
- Developed end-to-end composite RESTFUL Web Services by using SOA to use with different clients including Web & Mobile.
- Used Hibernate as an ORM Framework for productive application development by reducing development time, complexities and increase flexibility.
- Implemented J2EE design patterns Facade, Singleton, Builder, Abstract factories.
- Developed custom data structures and algorithms
- Worked with built-in data structures, algorithms and collection frameworks
- Enabled design patterns to conquer the functionality level of efficiency and code maintainability
- Used Struts MVC architecture.
- Used Hibernate class for mapping and prescience.
- Worked on NetBeans profiler to analyze the performance and memory management of the Tawuniya application and identified the leakages, unwanted iterations, database connections, etc. The report has submitted to the CTO.
- Involved in writing complex queries to acquire the business logics

Technologies used: Java, Servlets, JSP, JavaScript, JDBC, JSF, XML, EJB, Struts, Spring MVC, Ajax, Hibernate, JDBC, HTML, DHTML, CSS and Web Services.

Software Engineer **Halos Technologies (Trivandrum, India)** **[May 2010 – Dec 2011]**

hCampus- A campus administration system

- Developed various UX Forms with YUI and corresponding bean classes.
- Used struts2 MVC architecture.
- Used XSLT for UI to display XML Data.
- Enabled struts2 form validation
- Payment Gateway integration: Developed a web page to route the user to appropriate payment option
- Developed java bean components represent business logic and prepared unit test cases.
- Developed a bug tracker application for an internal purpose
- Utilized JavaScript for client-side validation.
- Developed Application in Jakarta Struts Framework using MVC architecture
- Created struts-config.xml and tiles-def.xml files.
- Written the JavaScript, HTML, DHTML, CSS, Servlets, and JSP for designing GUI of the application.
- Programming and Development of modules involving Struts, Spring, AJAX, Servlets, JSP, JSTL, JQuery and JS.
- Implemented a Complex Business Delegate layer using DAO's created and business logic
- Used Hibernate class for mapping and persistence.
- Developed database DML and DDL queries

Other Experiences

- Developed an android application called Jymbree
 - Jymbree is an application for wholesale grocery delivery van
 - Enabled real-time tracking.
 - Chat
 - Push notifications by Google cloud push notification API
 - Live alert
- Developed an application-based search engine for Stabilix Solutions
 - Logged in user can search any kind of disclosed application data
 - Enabled Spring AOP to track the persistence object.
 - Enabled suggestions by keywords.
- Developed a token-based handshaking algorithm in PHP
 - Generate a token and shared with authenticated user
 - Make a handshake by validating the user and the token

- Validate token, validate expiry, retiring old token and create a new one by a certain amount of time.
- Developed test applications to access Google & Facebook's OAuth API's
- Developed web application with node.js & MongoDB and AngularJs
 - Node.js & MongoDB: Back end Service layer
 - AngularJs: Front end
 - Applied design pattern as I used for Java/J2EE applications to build models.
 - Handled asynchronous request to MongoDB by node js API's
 - Applied MVC pattern to receive the request by a single gateway and let it to the service layer to meet the requirements.

Achievement

- Employee of the quarter award (2013-Q4) from Stablrix Solutions, Trivandrum India

Education

- **Bachelor of Engineering in Computer Science**, Anna University, Chennai June -2010
- **Diploma in Computer Science**, Department of Technical Education, Delhi May-2007