Sindhu Ranginen

•**E-MAIL:** [**sindhur\_1985@gmail.com**](mailto:sindhur_1985@gmail.com)

•**Phone: (715) 575-7677**



**OBJECTIVE** **Web Developer with excellent skill in developing sites and hybrid applications both informational and transactional. Played the role to lead UI developer in several successful web implementations. Proven web development track record including an outstanding ability to manage multiple projects under tight deadlines.**



**EDUCATION** **Bachelor of Technology: Computer Science  
Jawaharlal Nehru Technological University (JNTU) – India**



**SUMMARY**

* **Over 8 years** of IT experience in Object Oriented Analysis, Design, Development, Unit Testing, Deployment and Implementation of **Mobile/Desktop Web Applications**, various Client Server, Internet, Intranet and Web systems using AKAMAI server and web technologies framework.
* **Microsoft** **Certified HTML5, CSS3 and JavaScript** developer.
* Highly experienced in object oriented programming analysis with extensive **Software Development Life Cycle (SDLC)** experience in **Application Software Specifications, Design, Development, Unit Testing, debugging and Maintenance**.
* Experienced in working with designed and coded application components using **Agile and Waterfall** methodologies.
* Strong experience in designing and developing front-end and rich GUI interfaces using **HTML5, JavaScript** and **CSS3**.
* Played key role in **Design** and **development** of front-end hybrid mobile web applications using **HTML5, CSS3, JavaScript, Angular, React, Redux, Bootstrap, jQuery, jQueryMobile, Angular JS** technologies**.**
* Deployed and migrated the application from **DEV to TEST to QA to PROD**
* Performed **Analysis, Design, Code Reviews, Unit testing** using **JUnit** and **Integration Testing** using **SOAP UI.**
* Developed applications using **Eclipse, Netbeans and Notepad++**.
* Experienced in tools like **Sonar and Crucible** for code review.
* Performed version control using **GIT, SVN, Perforce (p4v).**
* Experienced in describing data using **XML (**DTD, Schema**)** and in working with **XML** management technologies like **XSL, XSD** and **Web Services** using protocols such as **SOAP.**
* Experienced in Android development.
* Strong experience in cross platform app development using **Phonegap** and **Cordova**.
* Knowledge in relational database designing and **SQL** manipulation with **Oracle, MSSQL, and MySql**.
* Experienced in Object Oriented Methodologies, **design patterns** and **UML** modeling using tools like **MS Visio** & Rational Rose.
* Self-motivated team player with excellent inter-personal and communication skills. 

**SKILLS**

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| --- | --- |
| Skills | Angular, React, Typescript Java Script, HTML5, CSS3, AngularJS, Ajax, Cordova, XML, jQuery, jQueryMobile, Bootstrap, Grunt. |
| Languages | Java, J2EE, SQL, C, C++ |
| Servers | Apache Tomcat, WebSphere, Jenkins, JBoss, Predix |
| Special Software | Apache HTTP Server, SOAPUI, HP QC11, JIRA, Jenkins, Phonegap, Cordova, CA Rally |
| Databases | Oracle, SQL Server, MySQL, RDBMS |
| Operating System | Windows10/Windows 8/XP/2000/2007/2008, UNIX, MAC. |
| Development Tools | Netbeans, Eclipse, Notepad++, Brackets, Atom, Sublime, Xcode |
| Version Control Tools | GIT, SVN and Perforce |



**CERTIFICATIONS**

* Certified in Microsoft - Programming in HTML5 with JavaScript and CSS3



**EXPERIENCE**

**Jan 2019 to Present Capgemini – HPE (Atlanta, GA)**

**Applications Consultant 2/ Front end Developer**

**Project Description:**

This project’s goal is to develop an as-a-service multi-cloud management platform that simplifies management of multi-cloud environments and on-premises infrastructure. It unifies management across different public clouds, on premise private clouds, and software-defined infrastructure. It's also intended to work for everyone in an organization, including IT managers, developers, and business executives.

**Responsibilities:**

* Developed an ecosystem for UIs that help customers access hybrid cloud software & services
* Developed application using React JS, Redux, Reselect, HTML5, JavaScript, JSX.
* Applied optimization techniques to reduce page size and load times to enhance user experience using sprites.
* Configured Web pack to execute linters, magnifiers, pre/post-processors, tests, transpires, etc. based on build target.
* Implemented react JS code to handle cross browser compatibility issues in Mozilla, IE 7, 8, 9, Safari and FF.
* Used React-Router to turn application into Single Page Application
* Worked in using React JS components, Forms, Events, Keys, Router, Animations and Flux concept.
* Worked on React JS Virtual Dom and React views, rendering using components which contains additional components called custom HTML tags.
* Called the Restful web services calls for POST, PUT, DELETE and GET methods.
* Worked with JEST unit test framework to write unit tests for JavaScript code.
* Extensively used Git for version controlling and regularly pushed the code to GitHub. Used Rally as the bug tracking system to track and maintain the history of bugs/issues on everyday basis.
* Implemented various screens for the front end using React.js and used various predefined components from NPM (Node Package Manager) and redux library.

**Environment:**

* Operating System: MAC
* Languages: ReactJS, React hooks, React Query, Redux, Reselect, Modern Functional JavaScript, Grommet, JEST, NodeJS, GraphQL, Go, ESLint, Mocha/Babel, Webpack, ES6, JSX
* Special Software: Webstorm, GIT, Rally, VSCode, REST-Web Services

**Jan 2018 to Jan 2019 Capgemini - GE Power (Atlanta, GA)**

**Applications Consultant 2/ Front end Developer**

**Project Description:**

This project’s goal is to develop a platform for mobile and web which serves as a complete planning of event management solution by providing managers a tool for planning and managing events, estimations, tracking cost, standards, cost rates etc. This project will be a one stop for the new outages and event management and will eliminate the need to go into multiple different application.

**Responsibilities:**

* Documented of designs, development of the application environment, based on the Software Architecture (models and principles).
* Coded, integrated, implemented, installed or changed frameworks and standard components, or technical and functional application management.
* Used Github for version controls, maintains branches, Sonar setup, to avoid any merge conflicts with peer developers.
* Translated those requirements into technical terms, design specifications and solutions.
* Used technology stacks like Predix, Angular, Polymer JS, JEE, Spring boot, Green Plum, Oracle PL/SQL, PostgreSQL to arrive at solutions
* Project planning & Continuous tracking of the plan. Implement Agile project management process, act as scrum master and drive various scrum ceremonies.
* Delivered the engagement according to the contract and client satisfaction.
* Demonstrated flexibility and versatility in meeting objectives and should be able to manage your workload and update management on task progress.
* Participated in user testing and help understand technical aspects of project in case of urgent code fix is going to take time.
* Designed and implemented process for deploying upgrading managing and extracting data for reporting.
* Responsible for conducting research, data analysis, and implementation of business components where external source system is part of project architecture

**Environment:**

* Operating System: MAC
* Languages: Angular, Typescript, Predix, Phonegap, HTML5, nodejs , SCSS
* Special Software: Webstorm, GIT, Rally, Xcode

**May 2017 to Dec 2017 Capgemini - JCI (Milwaukee, WI)**

**UI Lead Developer**

**Project Description:**

The project’s goal is to convert multiple web storefronts from bootstrap 2 to bootstrap 3 for Mechanical and Electronic equipment sales using cloud craze and sales force software.

**Responsibilities:**

* Developed visual force pages using standard, custom controllers and extensions, JavaScript, jQuery and CSS for the community.
* Integrated salesforce with SFTP server using REST API.
* Worked with standard Salesforce.com objects like Accounts, Contacts, Reports, and Dashboards and customized them to business needs.
* Developed custom reports and dashboards to better visualize the data and report folders to access the necessary reports.
* Implemented salesforce application setup activities and customized apps to match functional needs.
* Designed and coded a time and expense tracking systems, using contracts and orders.
* Worked on developing whole application UI using bootstrap 3.
* Developed various custom objects/ tabs/ components and Visual force pages and controllers.
* Designed and tested Salesforce enhancements.
* Designed and implemented process for deploying upgrading managing and extracting data for reporting.
* Evaluated database performance for investigation of issues and further resolution for efficiency of the report.
* Performed backend testing manually by writing and executing SQL statements ant server level.

**Environment:**

* Operating System: MAC
* Languages: HTML5, JavaScript, jQuery, Handlebars JS, Cloudcraze, Salesforce, CSS3, Angular, Grunt
* Special Software, REST-Web Services, GIT

**Oct 2015 to Apr 2017 Capgemini - GE Power (New Orleans, LA)**

**Hybrid Technical Specialist**

**Project Description:**

The project’s goal is to design and develop an application FSMP for the GE employees for their internal use including timesheets, power monitoring etc. It is developed for iPad, iPhone and desktop browser websites.

**Responsibilities:**

* Worked on various modules, which involved mainly **Angular, HTML5, CSS3 and JavaScript.**
* Code development, testing, bug-fixing, preparation of program specifications and unit test plans.
* Coded much new functionality for the existing app in a very less timeframe.
* Development of Hybrid application for iPhone, iPad and web.
* Code development, testing, bug-fixing, preparation of program specifications and unit test
* Test the application for logic and syntax errors and correct the program code.
* Build the application code into an application bundle using Cordova/Phonegap.
* Upgraded system and correct errors to maintain system after implementation.
* Participated in the daily SCRUM meetings and communicate with team members on the project updates.
* Unit test cases were implemented and executed with grunt, Jasmine.
* Communicated regularly with the QA team on defects, and take appropriate actions. Worked on agile methodology, developed screens and functionality in sprints, participated in daily SCRUM, sprint review and retrospective meetings.

**Environment:**

* Operating System: MAC
* Languages: HTML5, JavaScript, jQuery, CSS3, Angular., Grunt
* Special Software, REST-Web Services, GIT

**Oct 2012 to Sep 2013 TCS Chennai - BAC Touch/Bank of America (Charlotte- NC)**

**Mobile Web Developer**

**Project Description:**

The project’s goal is to design and develop an application with unique design across IOS, Android apps and mobile browser websites. Pure html5 and web services are used to develop this hybrid application for Bank of America. The application is developed incorporating mobile functionalities such as touch, swipe, slide etc. It uses Bank of America's H3 Framework and MDA rest services.

**Responsibilities:**

* Developed and implemented “Money management”, “Accounts” and “Sign in” modules.
* Designed screens using wireframes and development using **HTML5, CSS3 and JavaScript, AngularJS.**
* Developed for cross platform using Cordova / Phonegap.
* **XML to JSON** parsing in order to make data from web services easily accessible all over the application.
* Code development, testing, bug-fixing, preparation of program specifications and unit test plans.
* Sonar and Crucible tool for code review.
* Implemented unit testing using grunt and Jasmine.
* Integration testing using **web services and SOAPUI.**
* Implemented session management using JavaScript for the whole project.
* Implemented “Barker count” functionality, which enables user to be notified of the count of pending transfers and bill pays and deals etc.
* Trained the team members on project, system requirements and other project artifacts necessary to get them started with the project.
* As”Money Management" module lead, reviewed the code developed by team members and coordinated with BAs and test leads.
* Accomplished the development for 3 modules in a stringent timeline by efficient planning
* Worked on agile methodology, developed screens and functionality in sprints, participated in daily SCRUM calls, monthly sprint meetings as well as sprint retrospective meetings.
* Coordinated with Web services team to ensure the integration between screens and web services is working as expected.

**Environment:**

* Operating System: MAC
* Languages: HTML5, JavaScript, jQuery, CSS3, bootstrap, AngularJS.
* Special Software: Poster, SOAP UI, XML, REST-Web Services, AKAMAI server, GIT

**Mar 2012 - July 2012 Tata Consultancy Services - Telecom Store Inventory**

**JAVA/Web Developer**

**Project Description:**

Telecom Store Inventory is a web-based project where a user can log in to the system view and purchase items related to mobiles. It automates the inventory management of a telecom store. The TSI application includes three major modules, it is driven by roles i.e., Retailer role/Admin role/Inventory Manager role.

**Responsibilities:**

* The User Interface was implemented using HTML, Used CSS for making the UI more interesting and effective.
* The client side validations were implemented using JavaScript.
* Oracle database was used for storing the data required by the project.
* The application was developed using Java as the programming language using the MVC2 Model architecture.
* SQL was used to retrieve the data from the oracle database using Java Servlets.
* Implemented various features like captcha, multi-language support, session management and PDF report generation.
* The backend functionalities were done using Servlets and MVC 2 architecture.
* Used Eclipse for project development and SVN for version Control.

**Environment:**

* Operating System: Windows
* Languages: HTML, JavaScript, CSS, Java, JDK, Servlets, Oracle, SQL.
* Special Software: Eclipse, Perforce, Apache Tomcat (Server).

**May 2011 – Mar 2012 Techno Sphere IT Hyderabad - LBG**

**Mobile Developer**

**Project Description:**

The project’s goal is to design and develop the screens for native iOS application of Lloyds bank using pure HTML5 and test the smoothness and seamlessness of the app. Features of jQueryMobile library are used to design screens. Application accesses native APIs using Phonegap framework, thus making the application a hybrid app, which has HTML5 features, an advantageous feature that is not present in native apps.

**Responsibilities:**

* Screen Design and development using jQueryMobile, JavaScript, HTLM5, CSS3.
* Used tools Netbeans and Eclipse for screen development.
* Involved in Design and Development using OOAD methodology to capture and model business requirements, facilitated code walkthroughs with team members.
* Used Phonegap for cross platform support to make the application work on various devices.
* Gathered user requirements, analyzed and wrote functional and technical specifications.
* Created Use Cases, Sequence, Object Model and Component UML diagrams using Rational Rose and other UML tools.
* Developed for “sign in” screens, functionality includes 3 levels of security validation.
* Defect management activities including – defect analysis, bug fixing, defect closure.
* Working closely with onsite for delivering best quality deliverables in specified time lines.
* Used SVN tool for code check in and version control.

**Environment:**

* Operating System: Windows, Android, iOS
* Languages: HTML5, jQuery, jQueryMobile, JavaScript, CSS3.
* Special Software: Netbeans, Eclipse, Apache Tomcat (Server).