

## Ruchi Awasthi

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### Career Objective

- To be a part of the team that dynamically works towards the growth of the organization with growth of self by utilizing skills and knowledge gained in previous job and academic curriculum.

### Experience Summary

- **2 year** of experience in Design, Development and Testing of Information Systems.
- Experience with Front end Frameworks like: **JavaScript, JQuery, bootstrap, Node, JSP, HTML(5), CSS(3), JSON, AJAX**
- Extensive experience in designing, developing and tuning mission-critical database operations using **Oracle ,MySQL, firebase.**
- Extensive experience working with **GitHub, SVN, Heroku** tools.
- Experience in **Java, JSP, J2EE, Tomcat**
- Have excellent communication (Oral & Written) skills.
- I am doing an Full Stack Web Development boot camp from **Case Western Reserve University.**
- I have **Masters of Computer Application** from SGSIPS Indore (7.3 CGPA) with sound understanding of various technological concepts utilized for developing desktop and web applications.
- I have done **Master of Science in Physics** from College APS University Rewa (7.2 CGPA) with specialization in Electronics.

### Key Skills

Languages/Scripts	Databases	Software Products /Tools
HTML, JavaScript, JQuery, Bootstrap, Node, Java , J2EE, JSP/Servlets, JSTL	Oracle 10g, MS Access, My SQL, Firebase	My Eclipse 3.6, MY SQL workbench , GIT, Sublime Windows , Microsoft Excel, Microsoft word.

### Qualifications

Degree and Date	Duration	Institute	Major and Specialization
Full Stack Web Development boot camp	April 2017- Till Date	Case Western Reserve University, Cleveland Ohio	Full Stack Web Development
Master of Computer Application	2006 - 2009	SGSIPS Indore	JAVA
Master of Science	2003 - 2005	APS University Rewa	Physics
Bachelor of Science	2001 - 2003	APS University Rewa	Mathematics

## Assignments

Project#1	Bonus Check – Bonus Creation Application
Client	CWRU, MONREAL Consulting
Application URL	
Period	Nov 2017 – till date
Description	<p>Bonus Check was designed to solve the multifaceted problem of incentivizing teams who produce more work in less time while keeping quality at maximum levels. Bonus is paid based on maximum production levels that meet quality standards with a team and individual component</p> <p>The application allows the Project coordinators to organize jobs, personnel and keep track of inefficiencies and bonuses</p> <p>The task involved :</p> <ul style="list-style-type: none"> <li>• Create <b>RESTful APIs routes</b> utilizing <b>JSON</b> as a data format to create and search survey using <b>node and MySQL</b> as database.</li> <li>• Create model objects associations with database model using <b>node and express</b>.</li> <li>• Create responsive user interface using <b>JavaScript, Bootstrap, CSS, JQuery, Vue.js</b> and integrate it with the APIs.</li> <li>• Use “<b>Node and express</b>” to perform search, add, update and delete operations within routes.</li> <li>• Create user role based menu generation and application page display.</li> <li>• Implement security to <b>Secure the routes based on user roles</b>.</li> <li>• Consume <b>RESTful APIs</b>, in using <b>Vue.js</b>, properly utilizing <b>REST verbs</b> to display, create survey</li> <li>• Coordinate with other team member on issue resolution.</li> <li>• Create new <b>GitHub</b> repository. commit, merge and push code to the repository.</li> </ul>
Role	Developer
Solution Environment	<b>JavaScript, HTML5, Bootstrap 3.3.7, CSS3, JQuery 3.2.1, Node v5.3.0, GitHub, vue.js, Sublime Editor, MySql 7.7.20, JSON</b>

Project#2	YOURveys – Survey creation and Publish app
Client	CWRU
Application URL	<a href="http://yourveys.herokuapp.com/">http://yourveys.herokuapp.com/</a>
Period	Oct 2017 – Nov 2017
Description	<p>YOURveys – Survey creation and Publish application. Survey Admin user can create survey using different types of questions and provide options for those. Multiple choice, single choice and free text type of questions can be created.</p> <p>Once the survey is created, admin can share the url with the participant to take the survey.</p> <p>The task involved :</p> <ul style="list-style-type: none"> <li>• Create survey, question and response user interface using <b>JavaScript, Bootstrap, CSS and JQuery</b> and integrate it with the apis.</li> <li>• Create model objects with associations in <b>node</b>.</li> <li>• Create <b>RESTful APIs routes</b> utilizing <b>JSON</b> as a data format to create and search survey using <b>node and MySQL</b> as database.</li> <li>• Write SQL commands to perform Create, Read, Update and Delete</li> </ul>

	commands <ul style="list-style-type: none"> <li>• Consume <b>RESTful APIs</b>, using <b>Ajax</b>, properly utilizing REST verbs to display , create survey</li> <li>• Create scope document for the project</li> <li>• Coordinate with other team member on issue resolution.</li> <li>• Create new <b>GitHub</b> repository . commit , merge and push code to the repository.</li> <li>• Deploy the application using <b>Heroku</b></li> </ul>
Role	Developer
Solution Environment	<b>JavaScript, HTML5, Bootstrap 3.3.7, CSS3, JQuery 3.2.1, Node v5.3.0, GitHub, Sublime Editor, MySql 7.7.20, JSON, Heroku</b>

Project#3	TravelChetah – Travel App
Client	CWRU
Application URL	<a href="https://ashrucbrejsn.github.io/travel-App/">https://ashrucbrejsn.github.io/travel-App/</a>
Period	Sept 2017 – Oct 2017
Description	<p>TravelChetah is travel application, that provides facility for searching the flights between a source and destination and shows the point of interest of the destination.</p> <p>The application also provides facility for user to register to the website and then login .</p> <p>The task involved :</p> <ul style="list-style-type: none"> <li>• Create User interface using <b>JavaScript, Bootstrap, CSS and JQuery</b>.</li> <li>• Create login and sing up module using <b>Firebase</b> as backend.</li> <li>• Create code for front end validation using <b>JavaScript</b>.</li> <li>• Research for appropriate open apis and learn how to use them .</li> <li>• Consume <b>Google Flight Search API(qpxExpress) RESTful APIs with JSON</b> as data format to implement flight search in the application.</li> <li>• Consume <b>Sygie travel point of interest RESTful APIs</b>, using <b>Ajax</b>, properly utilizing REST verbs to display point of interest information of the destination city of flight.</li> <li>• Create scope document for the project</li> <li>• Coordinate with other team member on issue resolution.</li> <li>• Create new <b>GitHub</b> repository . commit , merge and push code to the repository.</li> </ul>
Role	Developer
Solution Environment	<b>JavaScript, HTML5, Bootstrap 3.3.7, CSS3, JQuery 3.2.1, Firebase, GitHub, Sublime Editor, JSON</b>

Project#4	Train Scheduler
Client	CWRU
Application URL	<a href="https://ruchigoswami.github.io/Train-Scheduler/">https://ruchigoswami.github.io/Train-Scheduler/</a>
Period	Sept 2017 – Sept 2017
Description	<p>Train Scheduler is a app that shows schedule of the train . Once the train information is entered in the system, user can see the upcoming train information. The application uses firebase to save the train information.</p> <p>The task involved :</p> <ul style="list-style-type: none"> <li>• Create User interface using <b>JavaScript, bootstrap , JQuery</b></li> <li>• Save information to the firebase database.</li> <li>• Retrieve information from the firebase database and display it on the UI</li> </ul>

	using <b>jQuery</b> . <ul style="list-style-type: none"> <li>• Use <b>moment.js</b> for data calculations.</li> <li>• Test the application to find out bugs.</li> <li>• Create new GitHub repository. Commit , merge and push code to the repository.</li> <li>• Deploy the application using <b>Heroku</b>.</li> </ul>
Role	Developer
Solution Environment	<b>JavaScript, HTML5, Bootstrap 3.3.7, CSS3, JQuery 3.2.1, Firebase, GitHub, moment.js, Sublime Editor, Heroku</b>

Project#5	Trivia, Crystal Collector, Hangman and Psychic Game.
Client	CWRU
Application URL	<ul style="list-style-type: none"> <li>• Trivia Game - <a href="https://ruchigoswami.github.io/TriviaGame/#">https://ruchigoswami.github.io/TriviaGame/#</a></li> <li>• Crystal Collector <a href="https://ruchigoswami.github.io/Week-4-game/">https://ruchigoswami.github.io/Week-4-game/</a></li> <li>• HangMan - <a href="https://ruchigoswami.github.io/Hangman-Game/">https://ruchigoswami.github.io/Hangman-Game/</a></li> <li>• Psychic Game - <a href="https://ruchigoswami.github.io/Psychic-Game/">https://ruchigoswami.github.io/Psychic-Game/</a></li> </ul>
Period	April 2017 – Sept 2017
Description	The task involved : <ul style="list-style-type: none"> <li>• Create User interface using <b>JavaScript, bootstrap , JQuery</b></li> <li>• Create the game logic using JavaScript</li> <li>• User <b>JavaScript object and advance JavaScript</b> to develop the games.</li> <li>• Test the application to find out bugs.</li> </ul> Create new GitHub repository. Commit , merge and push code to the repository
Role	Developer
Solution Environment	<b>JavaScript, HTML5, Bootstrap 3.3.7 , CSS3, JQuery 3.2.1, GitHub, Sublime Editor</b>

Project#6	Online Shopping Site
Client	Bolx Online Services Private Limited
Period	June 2016 – April 2017
Description	Bolx provides the facility to search for stores , product and other classified based on the location. It provides facility to order products from the listed business. New business can also register on the site and put their classified.  The task involved : <ul style="list-style-type: none"> <li>• Create User interface using <b>JavaScript, HTML ,Jquery</b></li> <li>• Create code for front end validation using <b>JavaScript</b>.</li> <li>• Change the user interface look and feel using css and html</li> <li>• Perform acceptance testing on the new features added to the application.</li> <li>• Fix bugs to the application and provide support.</li> <li>• Use <b>SQL queries</b> to add/update data from <b>MySQL</b></li> <li>• Test the application to find out bugs.</li> <li>• Create documentation to explain the new features of the application.</li> <li>• Use SQL and Microsoft excel to create reports.</li> </ul>

Role	Jr Developer
Solution Environment	<b>Javascript, HTML, CSS, JQuery 3, MYSQL, Tomcat, Eclipse</b>

Project#7	Road Transport Authority Management System
Client	SGSIPS Indore
Period	Jan 2009 – June 2009
Description	<p>Road transport authority Management system automates overall process of RTA includes issuing of learner's license, issuing of permanent license, renewal of license, issuing of registration certificates to vehicles.</p> <ul style="list-style-type: none"> <li>• System Study and design the solution.</li> <li>• Create user interface using <b>HTML</b> and <b>JSP</b>.</li> <li>• Write <b>servlets</b> to handle business logic..</li> <li>• Write <b>Exception</b> classes to handle the exceptions.</li> <li>• Use <b>SQL queries</b> to access data from MySQL</li> <li>• Read tomcat logs to see any exceptions.</li> </ul>
Role	Developer
Solution Environment	<b>Java, J2EE, Jsp, HTML, Servlet, Mysql , Tomcat, Ant</b>