

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

- **5 years** of experience in Design, Development and Testing of Information Systems. 6 months experience in **salesforce**.
- Experience with Frameworks like **JavaScript, JQuery, bootstrap, Node, Vue.js, HTML (5), CSS (3), JSON, AJAX, Handlebars, PHP, Angular, Google map API, Meganto , Salesforce**
- Extensive experience in designing, developing and tuning mission-critical database operations using **Oracle, MySQL, firebase**.
- Extensive experience working with **GitHub, Gitbucket, Heroku, Azure Devops** tools.
- Have excellent communication (Oral & Written) skills.
- I completed Full Stack Web Development boot camp from **Case Western Reserve University**.
- I have a **Master of Computer Application and Master of Science in Physics**.

Key Skills

| Languages/Scripts | Databases | Software Products /Tools |
|--|---|--|
| HTML, JavaScript, JQuery, Bootstrap, Node, PHP, Angular, Vue, Material Design, gstatic Google Charts Library, Javascript (ES6), REST, Bootstrap 3.3.7, CSS media queries, Magento 1.9, Lookup jQuery plugin, JqGrid plugin, Google map Geocoder, gstatic Google Charts, google map API, C#, salesforce | Oracle 10g, MS Access, My SQL, Firebase | My Eclipse 3.6, MY SQL workbench, GIT, Sublime Windows, Microsoft Excel, Microsoft word. VSCode, PHP myadmin |

Qualifications

| Degree and Date | Duration | Major and Specialization |
|---|----------------------|----------------------------|
| Full Stack Web Development boot camp CWRU | April 2017- Jan 2018 | Full Stack Web Development |
| Master of Computer Application | 2006 - 2009 | JAVA |
| Master of Science | 2003 - 2005 | Physics |
| Bachelor of Science | 2001 - 2003 | Mathematics |

Assignments

Full Stack Developer/Salesforce Developer

April 2018 – Till Date

Zurn Elkay /Elkay Manufacturing/MR Direct International

Elkay (MR Direct International) is in Toledo, Ohio. It manufactures a variety of products including stainless steel, porcelain, bronze, granite, glass, stone, and copper sinks as well as a large collection of kitchen and bathroom faucets.

Sinknet application is designed to maintain the invoices, customer and sales related information. The application also helps the customer support employees to help track the orders and log customer complaints.

Sales Application

- Create contact us form in **salesforce** using the web to case for customer service. The form also had different validations on input fields.
- Use form fields to determine the case type e.g. Order tracking, Price issues, Return etc.
- Deployed code from lower environment to higher environment.
- Use email templates to notify customers when a case is created.
- Provide support to QA and during QA testing for contact us form.

User and Order management

- Maintain and enhance user management portal designed in C# , .net and entity framework with Oracle as database.
- Maintain orders history for a customer designed in C# , .net and consuming restful APIs.
- Use postman to test and understand order management restful APIs.

Return Application

- Existing application does not have online return functionality. The project involves adding return functionality to the existing MR Direct customer facing web application. The project involves integrating MR Direct website to internal dashboard application (Sinknet). When a customer creates a return, the application will create an RMA for the internal dashboard and then CSR can follow up with the customer.
- Created **Magento** custom modules for return application.
- Call Sinknet rest API to create RMA and task for CSR with RMA notification and return details using **Ajax. PHP, Curl**.
- Created rest API in Sinknet to accept calls from MR Direct return application.
- Created cron job to create RMA in Sinknet application when it is down and MR Direct tries to create the return order.

Analytics and Voice mail

- Integrate voice mail system to Sinknet dashboard application. Dashboard shows phone calls made or received for a customer.
- Use **Amchart, PHP, MySQL, jQuery, html, CSS** to create dynamic analytic reports/dashboard for each customer. Analytics shows data for the customer order, preferences etc.
- Improve application to increase performance of the application by adding lazy load and optimizing the code.

Monitoring and maintenance

- Monitor cron jobs for shipping exceptions and modify code and data to fix it
- Create a blog for marketing every Friday based on the template and design provided by the marketing team.
- Create new tasks for customer service, operations etc.
- Create new reports using **PHP, MySQL, jQuery, html, CSS, Material design**.
- User **JQUERY BBQ** plugin to save the state of the application.
- Use **Amcharts** to create dynamic charts and graphs.

Sinknet

- Create **wireframe**, using business inputs, for the new developments (e.g. Sinknet dashboard)
- Create cron jobs using **SQL** and **PHP** to populate data in reporting tables.
- Add a new component to add multiple invoices to the customer screen using **jQuery, PHP** and **MySQL**.
- Create **RESTful APIs** utilizing **PHP, JQuery** and **JSON** as a data format and **MySQL** as database to perform GET, POST, PUT and DELETE operations
- Consume the restful APIs to perform to perform GET, POST, PUT and DELETE operations
- Add Call answered report to stats application using **MYSQL, PHP** and **angular**
- Create new database tables, indexes and keys and migrate data from old tables to new tables.
- Create SQL queries using different joins and call the sql from PHP to perform CRUD operations in the database.
- Create a new **Bitbucket** repository. commit, merge and push code to the repository.
- Rewrite the Infinity application UI to make it more presentable and add menu and paginated and searchable tables using **angular** and **jQuery plugins**.
- Create customer and account reports using **PHP** and **angular**.
- Use the JqGrid **plugin** to create pagination in reports.

- Use **lookup jQuery** plugin to perform customer, RMA, invoice search.
- Use **Chartjs** to create charts and graphs in driver delivery reports.
- Use **FedEx and UPS API's** to create package tracking reports using **PHP** and **jQuery**.
- Use **Google map Geocoder** to integrate maps to the application.
- Create a sinkrun dashboard using the **gstatic Google Charts Library** to create pie and bar charts and add map pointers for company locations using **google map api**.
- Rebrand sinkrun by Elkay site using css and pdf adjustments / modifications.
- Create a **custom grid component** with pagination using jQuery, and JavaScript to display the sinkrun revenue information on the dashboard.
- Use **bootstrap** and **CSS media queries** for responsive design.

Environment:

JavaScript, Angular 3.0, CSS, PHP 5.3, Gitbucket, Sublime Editor, MySql 7.7.20, JSON, PHPAdmin, JQuery, JqGrid, Chartjs, Google map API, gstatic Google Charts Library, Javascript (ES6), REST, Bootstrap 3.3.7, CSS media queries, Magento 1.9, Lookup jQuery plugin, JqGrid plugin, Google map Geocoder, gstatic Google Charts, google map API, Material design, C#, salesforce

Developer

Nov 2017 – April 2018

CWRU, Monreal Consulting- Cleveland OH

Bonus Check.

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

The application allows the Project coordinators to organize jobs, personnel and keep track of inefficiencies and bonuses

- Create **RESTful APIs routes** utilizing **express** to create routes, **JSON** as a data format and **MySQL** as database.
- Create model objects associations with database model using **node and express**.
- Create responsive user interface using **JavaScript, Bootstrap, CSS, JQuery, Vue.js** and integrate it with the APIs.
- Use **"Node and express"** to perform search, add, update and delete operations within routes.
- Create user role-based menu generation and application page display.
- Implement security to **Secure the routes based on user roles**.
- Consume **RESTful APIs**, in using **Vue.js**, properly utilizing **REST verbs** to display, create survey
- Create new **GitHub** repository. commit, merge and push code to the repository.

Environment:

jQuery 1.7.1, 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

Developer

April 2017 – Nov 2017

CWRU- Cleveland OH

[YOURveys](#) – Survey creation and Publish app.

Survey creation and Publish application. Survey Admin users can create surveys using different types of questions and provide options for those.

Multiple choice, single choice and free text type of questions can be created.

Once the survey is created, the admin can share the URL with the participant to take the survey.

- Create survey, question and response user interface using **JavaScript, Bootstrap, CSS, Handlebars, and JQuery** and integrate it with the apis.
- Create model objects with associations in **node**.
- Create **RESTful APIs routes** utilizing **JSON** as a data format to create and search surveys using **node and MySQL** as a database.
- Write SQL commands to perform Create, Read, Update and Delete commands
- Consume **RESTful APIs**, using **Ajax**, properly utilizing REST verbs to display, create survey
- Create new **GitHub** repository. Commit, merge and push code to the repository.
- Deploy the application using **Heroku**

[TravelChetah](#)

TravelChetah is a travel application that provides a facility for searching the flights between a source and destination and shows the point of interest of the destination.

The application also provides facility for user to register to the website and then login

Once the survey is created, the admin can share the URL with the participant to take the survey.

- Create User interface using **JavaScript, Bootstrap, CSS, Handlebars, and JQuery**.
- Create a login and signup module using **Firebase** as the backend.
- Create code for front end validation using **JavaScript**.
- Research for appropriate open apis and learn how to use them.
- Consume **Google Flight Search API (qpxExpress) RESTful APIs with JSON** as data format to implement flight search in the application.
- Consume **Sygyt travel point of interest RESTful APIs**, using **Ajax**, properly utilizing REST verbs to display point of interest information of the destination city of flight.
- Create scope document for the project
- Coordinate with other team members on issue resolution.
- Create a new **GitHub** repository. commit, merge and push code to the repository. Create survey, question and response user interface using **JavaScript, Bootstrap, CSS, Handlebars, and JQuery** and integrate it with the apis.
- Create model objects with associations in **node**.
- Create **RESTful APIs routes** utilizing **JSON** as a data format to create and search survey using **node and MySQL** as a database.
- Write SQL commands to perform Create, Read, Update and Delete commands
- Consume **RESTful APIs**, using **Ajax**, properly utilizing REST verbs to display, create survey
- Create scope document for the project
- Deploy the application using **Heroku**

[Train Scheduler](#)

Train Scheduler is an app that shows the 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.

- Create User interface using **JavaScript, bootstrap, JQuery**
- Save information to the firebase database.
- Retrieve information from the firebase database and display it on the UI using **jQuery**.
- Use **moment.js** for data calculations.
- Test the application to find out bugs.
- Deploy the application using **Heroku**.

[Trivia Game](#)

[Crystal Collector](#)

[HangMan](#)

[Psychic Game](#)

- Create User interface using **JavaScript, bootstrap, JQuery**
- Create the game logic using JavaScript
- User **JavaScript object and advance JavaScript** to develop the games.
- Create User interface using **JavaScript, bootstrap, JQuery**

Environment:

JavaScript, HTML5, Bootstrap 3.3.7, CSS3, JQuery 3.2.1, Node v5.3.0, GitHub, Sublime Editor, MySql 7.7.20, JSON, Heroku, Handlebars