

SUMMARY:

- 4 years of experience as a Web UI Engineer on Cross Platform Web/Client-Server applications design and development using Javascript and J2EE involving extensive front end development.
 - Worked in domains like Finance and E-commerce to develop the business application.
 - Having proficient front-end UI development skills working with Javascript frameworks like React.js, AngularJS, D3.js, HTML5, CSS3, JavaScript, AJAX, JSON, jQuery and jQuery Plugins and server side applications like Node.js.
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EDUCATION:

MASTERS: MASTER OF SCIENCE IN ELECTRICAL AND COMPUTER ENGINEERING

NEW YORK UNIVERSITY, NYU TANDON SCHOOL OF ENGINEERING, BROOKLYN NY 11201

CGPA: 3.33/4

BACHELORS: BACHELOR OF ENGINEERING – ELECTRONICS AND COMMUNICATION ENGINEERING

ANNA UNIVERSITY, CHENNAI, TAMIL NADU, INDIA

CGPA: 7.37/10

PROFESSIONAL EXPERIENCE:

AMERICAN EXPRESS, NEW YORK, NY - WEB PROGRAMMER

JULY 2016 – PRESENT

The project is to redesign the benefits dashboard application using React.js and Redux framework to get a rich, easy and powerful User Interface. The benefits dashboard application shows the list of available benefits for a particular card user and can enroll in specific benefits if the customer needs to.

Website: www.americanexpress.com/platinum

RESPONSIBILITIES:

- Re-design the application using **React.js** along with **Redux** framework.
- Use **webpack** to combine the modules with dependencies and generate a single file to serve up as the main page.
- Used **node.js** to serve as a middleware to host the application.
- Created **actions** and **reducers** for **state** maintenance in the application and pass in data from the backend through the reducers to be served on the frontend.
- Created charts using **D3.js** to show the credit spent by the customer.
- Used **Redux Thunk** middleware to delay the dispatch of an action, or to dispatch only if a certain condition comes up.
- Consumed **REST** calls from the backend using **Express** framework in Node to establish a connection between backend and frontend.
- Migrated development server from **WAS 6** to **WAS 8.1** effectively.
- Develop test cases and followed **Test Driven Development (TDD)** methodology for unit test using **Chai** test framework with the **Karma** test runner.
- Migrated code from **SVN** to **Git**.
- Worked closely with Adobe Analytics team to log page and user tracking.
- Use Git for effectively managing the code changes.
- Experience with **Agile/Scrum** methodology and practice in a multidisciplinary team.

MARLABS INC., PISCATAWAY, NJ – WEB DEVELOPER

FEB 2016 – JULY 2016

The project was to create a CRM tool which offers a quick and convenient way to update timesheets and raise tickets, if any. Using this tool, employees will be able to update timesheets, raise artifacts and tickets.

RESPONSIBILITIES:

- Involved in creating a web based CRM application to enter the working hours and raise any tickets.
- The application was a Single Page Application written in **AngularJS** to give a fast and fluidic appearance.
- Created a working time calculator using **React.js** and integrated it into **MVC** using **Redux** Framework.
- The application was created on the **MEAN Stack** Framework where a test server was created using **Node.js** with **Express.js** framework to check the single page application.
- Tested the application using **Jasmine** along with **Karma** Test runner.

Photraits Inc. – WEB DEVELOPER**OCT 2015 – DEC 2015**

Photraits is an online E-commerce website where users can book photographers for different functions based upon their portfolio.

Website: www.photraits.com

RESPONSIBILITIES:

- Developed web pages using **HTML5, CSS3, JavaScript** and **jQuery**.
- Created responsive web design using **Bootstrap** and CSS3 media queries.
- Created and consumed **RESTful API's** to connect frontend and backend.
- The backend was written in PHP with Laravel framework.
- Created login page and implemented scripts to fix cross-site vulnerability issue.
- Developed test cases and performed unit testing using **Jasmine**.

Nuware Technology Corp., Iselin, NJ - NETWORK SECURITY ANALYST/WEB DEVELOPER**MAY 2015 – AUG 2015****RESPONSIBILITIES:**

- Performed data analysis and provided recommendations to fix vulnerabilities in the systems.
- Involved in creating JSS services to encrypt the data that is transferred through the LAN within the company.
- Played key role in configuring and deploying **Alienvault**, a SIEM application that resulted in listing the vulnerabilities that an organization faces in the network.
- Had hands on experience of many Vulnerability Assessment Tools like Splunk, Solarwinds, Nessus and SumoLogic and compared them to get a detailed information about the pros and cons.
- Created a social networking platform based on Elgg for the company to enable developers around the world to collaborate for a project.
- Created the webpage using **AngularJS, HTML5, CSS3, JavaScript** and **Bootstrap**.
- Designed grids, tables and dropdowns for each module using Bootstrap.
- Used middlewares like cookie-parser on Node.js to help implement session. Used **Express** framework on **Node.js** for quick development.
- Created RESTful APIs in Node.js environment for the SPA to consume and test its navigation and functionality. This meant implementing the SPA using the MEAN (MongoDB, Express, AngularJS, Node.js) stack.

C-Cubed Solutions Pvt Ltd., Coimbatore, India – FRONT END DEVELOPER**AUG 2012 – JULY 2014****RESPONSIBILITIES:**

- Worked closely with management team, internal and external clients to translate project requirements into interaction design and information architecture design.
- Collaboratively translate functional requirement **HTML, CSS/CSS2** and **JavaScript**.
- Created clear, efficient forms entry using Bootstrap, **CSS2** and JavaScript.
- Developed a module to consume **AJAX** calls by using **jQuery** methods.
- Used **JSON** for transferring and storing data from server.
- Used **Bootstrap, JavaScript, jQuery** to provide form design and user input validation.
- Using jQuery and JavaScript for validating the input given to the user interface.
- Using AJAX to request JSON data through third party REST APIs to acquire products data from server and display it in sorted order.

PERSONAL PROJECTS (PLEASE CLICK ON THE TITLE TO ACCESS THE APPLICATION ONLINE):

- [Picture Puzzle:](#)
This is a picture puzzle game. The goal is to solve the puzzle before the time expires.
- [Barely Good Enough Encryption:](#)
This is a Single Page Application developed using AngularJS. The application shows Barely Good Enough Encryption which is a combination of two algorithms. The first algorithm prints the 1st character of each word while the second algorithm takes the length of the first word and prints the corresponding character from the second word onwards. If the length of the word is less than the length of the first word, a space is printed.
- [Ten Substring Friendly:](#)
This is a simple application which lists out numbers forming a total of 10 with their digits within a specified value inputted to the user.
- [String Match Frequency – D3:](#)
This application takes into account the values entered in two input fields and gets the matching characters between them and shows the frequency in the form of a chart using D3.js