

- Full-Stack developer with experience in a variety of domains/technologies for web, mobile and desktop
- Proficient in frontend development using HTML5, CSS3, JavaScript, jQuery, AngularJS, Knockout JS, Bootstrap
- Follows best practices for development and design, emphasizing on efficiency, scalability, security and responsive designing

## EDUCATION

|   |                        |
|---|------------------------|
| UDACITY Front-End Web Developer Nano Degree                     | September, 2016        |
| CLEMSON UNIVERSITY, Clemson, SC                                 | May, 2016              |
| Bachelor of Science in Computer Science, <b>CGPA:</b> 3.09/4.00 |                        |
| ANSAL UNIVERSITY, Gurgaon, India                                | August 2012 – May 2014 |
| Study Abroad Exchange Program, <b>CGPA:</b> 3.1/4.00            |                        |

## TECHNICAL SKILLS

|              |   |
|--------------|---|
| Programming: | C, C++, C#, Java  |
| Web:         | PHP, JavaScript, JSON, jQuery, AJAX, Angular JS, Knockout JS, HTML5, CSS, Bootstrap, Gulp |
| Platform:    | Linux, Windows, Mac OSX   |
| Networking:  | Socket Programming  |
| Backend:     | MySQL, SQL  |
| Others:      | IBM Bluemix, MS Azure, MS Visual Studio, GitHub, MS Word and MS Excel                     |

## WORK EXPERIENCE

**Software Developer Intern** at Clemson University, Clemson, SC February 2016 - May 2016

Web application to stream, integrate and deploy weather data on Microsoft Azure

- Exported data stream from Information Retrieval backend infrastructure from United States Geological Survey website in real time
- Analyzed the Stream data using machine learning algorithms
- Deployed Power BI to facilitate data visualization and system management.
- Technologies used: PHP for programming, Document DB to store NoSQL data and services provide by Microsoft Azure: Stream Analytics job and Power BI

**Software Developer Intern** at Clemson University, Clemson, SC February 2016 - May 2016

Worked on a C# based control interface to command and guide a patient positioning system prototype based on external image processing guidance data

- Made a dll file using the Pascal programming language which had TCP/IP protocol functions
- Received the motion points from client side coded in C#
- Successfully translate all the motions from the kinect sensor to the robot accurately

**Web Developer Intern** at Ryma Technologies Private Limited, Gurgaon, India January 2014 - July 2014

- Developed Use Cases, Class Diagrams, Sequence Diagrams and Data Models.
- Followed the Agile development methodologies
- Design and development of Web pages using HTML, CSS, JavaScript, JSON, jQuery, Ajax
- Integrated the Java code (API) in JSP Pages.
- Used jQuery core library functions for the logical implementation part at client side for all the application.
- Involved in developing HTML and JavaScript for client side presentation and data validation on the client side with in the forms.
- Involved in writing SQL Queries, Stored Procedures

## OTHER PROJECTS

**Neighborhood Map (HTML 5 Canvas, JavaScript, jQuery, CSS)** (UDACITY Front-End Web Developer Nano Degree Final Project) (In Progress)- Developed an application featuring a map of neighborhood with the functionality including: map markers to identify popular locations, a search function to discover these locations, and a list. Also, implemented third-party APIs (such as Street View images, Wikipedia articles and Four Square) to provide additional information about each of these locations

**Interactive Resume (JavaScript, jQuery)** (UDACITY Front-End Web Developer Nano Degree Project) - Created an online interactive resume to display the skills, work experience and Google map to display the locations where I have worked and studied

**Meme Maker (HTML 5 Canvas, JavaScript, jQuery)** (UDACITY Front-End Web Developer Nano Degree Quiz)-Added the functionality to add the text and select the image in Meme Maker

**Avoid Beetle (HTML 5 Canvas, JavaScript, jQuery, CSS)** (UDACITY Front-End Web Developer Nano Degree Project)-Avoid Beetle is an arcade game with exciting and engaging gameplay with mind-blowing graphics

**Code Optimization (JavaScript, jQuery)** (UDACITY Front-End Web Developer Nano Degree Website Optimization Project)  
- Optimized a website as part of Udacity's Front-End Web Developer Nanodegree with a number of optimization and performance related issues to achieve the Page Speed score of greater than ninety and consistent frame-rate of sixty frames per second

**Portal to manage records of books for a library (Java- Swing)** (Final project for Clemson University - CPSC 3720 - Software Engineering) - Implemented a business logic layer to enforce various library rules like checkout, books available and penalty calculation if book is returned after due date. Applied serialization and deserialization mechanism to store encrypted data locally

**Web Application: MeTube (HTML, CSS, JavaScript, Bootstrap on the front-end and PHP, MySQL on the backend)**  
(Final project for Clemson University - CPSC 4620 - Database Management System) - Designed and developed a web application based on YouTube where users can view and share video, audio and images with additional features like messaging, commenting and creating playlist. Developed a database layer to manage the database records using MySQL