

Clemson, SC-29631
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EDUCATION

Masters of Science in Computer Science Clemson University [SC] GPA-3.48/4.00	August'16 – May'18
Bachelor of Technology in Software Engineering SRM University [India] GPA-3.72/4.00	August'12 – May'16
Front-end Web Developer Nanodegree Program Udacity [Online]	Current

TECHNICAL SKILLS

Programming & Scripting Languages:	HTML5; CSS3; JavaScript [ES6]; PHP; C++
Web Technologies:	REST; React; Redux; jQuery; Ajax; Promises; Fetch; Webpack; Node.js; Sass; WCAG
UI Frameworks:	UIKit; Bootstrap
Testing Tools:	Jasmine;
Database Management:	MySQL Server
Version Control & Other Tools:	Git; JIRA; Adobe Illustrator;

INDEPENDENT PROJECTS

- Personal Portfolio Website ||** HTML5, CSS3, Sass, JS, React.js, D3.js; SVG || [Link](#)
- Website [SPA] to showcase my work experience and skills. Includes CSS3 animations along with interactive elements.
 - Designed to be 100% responsive using media-queries and conforms to basic WCAG 2.0 requirements.
- MyReads: A Book Tracking App ||** HTML5, CSS, JS, React.js || [Link](#)
- A single page application that allows users to select and categorize books
 - Includes features such as Search and Sort.
- Simulating Netflix Experience ||** HTML5, Sass, React.js
- A single page application that simulates Netflix experience by allowing users to watch TV show trailers.
 - Includes features such as Search and Rating.

ACADEMIC PROJECTS

- MeTube ||** LAMP Stack, HTML, BOOTSRAP || [Link](#)
- A dynamic multimedia web application that mimics primary YouTube features.
 - Built from scratch with the 11 major features: Multimedia file Upload/Download/View/Rate/Comment/Add to favorites; User account creation; Send/Receive messages; Add contacts; Group Discussions.
- MyClemson App ||** UI Design, Human Centered Computing, InDesign
- Performed usability studies and created storyboards on Clemson University's "MyClemson" mobile application.
 - Designed a prototype using the results of the study which, based on a survey of 120 people, will increase the UX quality from 76% to 83%.

EXPERIENCE

- Full Stack Developer || National Brick Research Center [Clemson University]** January'18 – April'18
- Provided innovative solutions to expedite data-management activities, and designed 5 new user-interfaces in HTML, CSS, PHP and MySQL.
 - Automated report generation of chemical test results, thereby decreasing the average report generation time from 10 minutes to 3 minutes.
 - Directed the development and maintenance of the database schema.
- Web Developer Intern || ART.COM [California]** June'17-August'17
- Participated in on-going Agile[Scrum] activities and contributed to re-platforming of the website by implementing 6 UI components in REACT.js which enhances the user-experience.
 - Conducted a detailed audit on their website to check ADA compliance and level of conformance to WCAG 2.0 standards using 3 web accessibility tools and compliance checkers.
 - Authored a technical document to assist in incorporating fixes to improve the website's conformance to guidelines from 46% to 87%.
- Web Developer Intern || Oil and Natural Gas Corporation [India]** December'14
- Collaborated with the Info-Com team to design an 'Organogram' – a dynamic organizational chart like structure.
 - Implemented the web application using the HTML, CSS, and LAMP stack.