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HARITHA RATHINAKUMAR

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[Personal Online Portfolio]

Graduate student passionate about web-development, currently working as a full-stack developer at Clemson University. Skilled at building responsive and user-friendly websites and writing well-designed, testable code using current best practices in web-development.

EDUCATION

Masters of Science in Computer Science Clemson University [SC] GPA-3.42/4.00	Expected Grad Date: 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

Web Technologies & Frameworks:	ReactJS; HTML5; CSS3; Sass; UIKit; Bootstrap; ADA- Web Accessibility
Testing Tools:	Mocha, Chai
Programming & Scripting Languages:	C++; JavaScript; PHP
Database Management:	MySQL Server
Version Control & Other Tools:	Git; JIRA; Adobe InDesign

INDEPENDENT PROJECTS

Personal Portfolio Website || HTML5, CSS3, JavaScript, jQuery || [Link](#)

- Website to showcase my work experience and skills, which also includes a contact form.
- Designed to be 100% responsive for various device widths using media-query.

Simulating Netflix Experience || HTML5, Sass, ReactJS

- A web 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 || Human Centered Computing, InDesign

- Performed usability studies 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 - Current

- Provided innovative solutions to ease data-management activities, and designed two new interfaces which were implemented using PHP and MySQL.
- Automated report generation of chemical test results, thereby decreasing the average report generation time from 10 minutes to 3 minutes.

Web Developer Intern || ART.COM [California] June'17-August'17

- Implemented 6 UI components in REACT.JS to enhance the user-experience on their mobile platform.
- Performed 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 conformance to guidelines from 46% to 87%.

Industrial Trainee || Oil and Natural Gas Corporation [India] December'14

- Worked with the Info-Com team to design an 'Organogram' – a dynamic organizational chart like structure.
- Implemented it using the LAMP Stack.