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HARITHA RATHINAKUMAR

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[Personal Online Portfolio]

Graduate student passionate about web-development. Skilled at building responsive, 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]   Expected Grad Date: May'18
   GPA-3.42/4.00
Bachelor of Technology in Software Engineering || SRM University [India]   August'12 – May'16
   GPA-3.72/4.00
Front-end Web Developer Nanodegree Program || Udacity [Online]   Current

TECHNICAL SKILLS

Web Technologies & Frameworks: HTML5; CSS3; React; Webpack; Babel; Sass; UIkit; Bootstrap; ADA-Web Accessibility
Testing Tools: Mocha, Chai
Programming & Scripting Languages: C++; JavaScript [ES6]; PHP
Database Management: MySQL Server
Version Control & Other Tools: Git; JIRA; Adobe InDesign;

INDEPENDENT PROJECTS

Personal Portfolio Website || HTML5, CSS3, Sass, JS, React.js, D3.js || Link
·   Website to showcase my work experience and skills. Includes CSS3 animations and interactive elements.
·   Designed to be 100% responsive using media-queries and conforms to basic WCAG 2.0 requirements.
Simulating Netflix Experience || HTML5, Sass, React.js
·   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
·   Participated in on-going Agile[Scrum] activities and 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%.
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 LAMP Stack.