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HARITHA RATHINAKUMAR

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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]

Fall'16

GPA-3.72/4.00

TECHNICAL SKILLS

Web Technologies & Frameworks:

React.js; JavaScript; HTML5; CSS3; UIKit; Bootstrap; Web Accessibility

Testing Tools:

Mocha, Chai

Programming Languages:

C++; PHP

Database Management:

MySQL Server

Version Control & Other Tools:

Git; JIRA; Adobe InDesign

EXPERIENCE

Full Stack Developer || National Brick Research Center [Clemson University]

Current

- Improved the team's productivity by incorporating a new interface for automating their test report generation, in PHP and MySQL.
- Designed a new interface for adding/managing data related to their test methods and activities.

Web Developer Intern || ART.COM [California]

Summer'17

- Participated in the on-going Agile development actives and implemented user-interface features such as docking of category headers on scrolling in REACT.JS.
- Fixed multiple bugs and performed unit testing using MOCHA & CHAI.
- Performed a detailed audit on ART.COM and ALLPOSTERS.COM for Web Accessibility.
- Checked conformance to WCAG 2.0 guidelines using web accessibility tools and compliance checkers
- Authored a technical document to assist in incorporating fixes to achieve 90% conformance to WCAG 2.0 guidelines.

Industrial Trainee || Oil and Natural Gas Corporation [India]

Winter'14

- Designed and implemented a web based application – 'Organogram' for the organization using the LAMP Stack.

PERSONAL PROJECTS

Personal Portfolio Website || [Link](#)

- Designed a personal portfolio website using HTML, CSS, and JavaScript.
- Conforms to WCAG 2.0 Guidelines, and is adaptive and responsive.

Simulates Netflix Experience

- Developed a web-app that simulates Netflix experience using React.js, HTML, and CSS.

Memory Game

- Currently working on building a browser-based card matching game in HTML, CSS and JavaScript.

ACADEMIC PROJECTS

MeTube || [Link](#)

- Built a multimedia web-app, similar to YouTube, using the LAMP Stack.
- Features: Multimedia file Upload/Download/View/Rate/Comment/Add to favorites; User account creation; Send/Receive messages; Add contacts; Group Discussions.

Aqua's Quest Game || [Link](#)

- Implemented a data driven 2D game in C++ using OOP and Software Design Pattern concepts.

MyClemson App

- Performed usability studies on the existing MyClemson app and developed a prototype which enhances UX quality.