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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; JS; JSX; HTML5; CSS3; UIKit; BOOTSTRAP; Web Accessibility

Programming Languages:

C++; PHP; Mocha Chai

Database Management:

MySQL Server

Version Control & Management Tools:

Git; JIRA

EXPERIENCE

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

Current

Working on revamping the existing system built in PHP and MySQL such as modifying the existing tables, automating web invoicing and generation of test reports.

Web Developer Intern || ART.COM [California]

Summer'17

- Participated in the on-going Agile development actives and implemented several user-interface features such as docking and refinements selectors in REACT.JS, HTML, and CSS.
- 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 during the training period in the Information-Communication Services Department.

PERSONAL PROJECTS

Personal Portfolio Website || [Link](#)

- Designed a personal portfolio website using HTML, CSS, and JS
- 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.

ACADEMIC PROJECTS

MeTube || [Link](#)

- Built a multimedia web-app, similar to YouTube, in PHP and MySQL
- 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 OOP and Software Design concepts in C++ to develop a data-driven 2D game.

MyClemson App

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

Twitter Sentiment Analyzer || [Link](#)

- Engineered a sentiment analyzer that classifies tweets into positive, negative and neutral.
- Compares different ML models and ensemble algorithms.