

Clemson, SC-29631  
[Open to Relocate]  
(864)-624-6733  
[hrathin@clemson.edu](mailto:hrathin@clemson.edu)

# HARITHA RATHINAKUMAR

[github.com/haritha2112](https://github.com/haritha2112)  
[haritharathinakumar.com](https://haritharathinakumar.com)  
[linkedin.com/in/rharitha](https://linkedin.com/in/rharitha)

## EDUCATION

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### 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

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### Web Technologies & Frameworks:

React.js; JS; JSX; HTML5; CSS3; UIKit; BOOTSTRAP; Web Accessibility

### Design Tools:

Adobe InDesign

### Programming Languages:

C++; PHP; Mocha Chai

### Database Management:

MySQL Server

### Version Control & Management Tools:

Git; JIRA

## EXPERIENCE

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### 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 LAMP Stack.

## PERSONAL PROJECTS

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### 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

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### MeTube || [Link](#)

- Built a multimedia web-app, similar to YouTube, using 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 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.