

Swaroop Thumsi Nagaraja

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Skill Set

- Expertise in Object Oriented Design/development and knowledge in Web application framework.
- Passionate commitment to design, develop and test Software applications.
- Experience with responsive design, mobile-first, and gestural interfaces
- Excellent communication skills to both technical and non-technical audiences.
- Ability to work independently on important assignments and projects with limited supervision.

Education

Cleveland State University, Cleveland, OH December 2017
Masters in Computer Engineering. GPA: 3.7/4.0

Atria Institute of Technology, Bangalore, India June 2016
Bachelor of Engineering in Electronics and Communication. GPA: 3.0/4.0

Work Experience

Intern Research Assistant, R&D - Rockwell Automation (Mayfield Heights, OH) May 17 – Current

- Developing Web based application for displaying and animating SVG's.
- Creating and Animating Scalable Vector Graphics to make it interactive.
- Developing numerous single page dynamic Web applications using AJAX.
- Used Node, D3, Highcharts and Snap JS to convert Proprietary Edge files to animatable SVG's.
- Implemented project in Node JS environment using NPM, JSON, Grunt JS and Express framework.
- Worked with websocket communications, particularly using Socket.io for real time communication.

UI Developer Intern - Webinspiron (Bangalore, INDIA) June 15 – March 16

- Design and development of Presentation Tier using HTML5, CSS3, CSS processors (Sass) and Bootstrap.
- Responsible for checking cross browser compatibility, Responsive Web Design and hence worked on different browsers like Safari, Firefox, Google Chrome and Internet Explorer.
- Experienced in Agile Software Development Life Cycle and involved in every day scrum meetings.
- Worked with frontend tools such as Gulp, Grunt, Webpack and SASS.
- Used GIT as version control system.

Technical Skills

- Languages : JavaScript, C++, C#, Java, SQL.
- Web Designing : HTML, CSS, JQuery, XML, PHP.
- Operating Systems : MS DOS, Windows, LINUX, MAC OS.
- Server frameworks : NodeJS, ASP.NET, Express.js, Socket.IO
- JS frameworks : AngularJS, ReactJS

Academic Projects

SmartDeGrill (smartdegrill.com) Jan 17 – March 17

- Designed and developed a visually appealing website for online food ordering.
- Created a responsive and mobile first site using Bootstrap3 and worked with WordPress themes.
- Optimized images for web page display and feature item slides using Adobe Photoshop.

Industrial Automation through IOT March 16 – May 16

- Implementation of Temperature, Light, Humidity and Smoke sensors and interfacing with ARM-7 microcontroller.
- Interface android app with microcontroller for the control of devices.

Certifications and Others

- Certified Complete Web Developer.
- Acted as team lead for my curriculum projects.
- Have done many Volunteer Works. (Blood drives, Old books Collection, Participated in Various Awareness Programs).