



Hari Kumar Gurudu

Curriculum Vitae

"I am an enthusiastic, passionate front-end Javascript developer. I love Learning new technologies and harnessing technology to make new and exciting things."

Education

- 2014–present **M.Sc. Computer Science**, *Otto-von-Guericke University, Magdeburg*,
Complete GPA2.2.
Schwerpunkt Digital Engineering
- 2007–2011 **Bachelor of Technology**, *Jawaharlal Nehru Technological University, Hyderabad (India)*,
First Class with distinction
Branch: Electronics and Communication Engineering

Master Thesis

- Title *An advanced configuration view for extended Software Product lines*
- Supervisors Prof. Dr. rer. nat. habil. Gunter Saake and Prof. Dr.-Ing. Thomas Leich
- Description Designed and developed front-end visualization Graphs for feature-oriented extended software product lines to facilitate the user in the configuration process.
- Technologies HTML5, CSS3, JavaScript, D3.js and Java

Projects

Aug 2017-Present *Shopping cart*

- Description This project aim is to build a Universal or Isomorphic react application, an e-commerce website , shopping cart. This app is a scalable web application by managing the "state" in Redux. Moreover, this project focusses on server-side rendering, which is critical for performances and SEO compliancy.
- Role Full-Stack Developer
- Technologies HTML5, CSS3, React.js, Redux, Node.js, Express, MongoDB

Jun-Jul 2017 *Portfolio website*

- Description This project showcases my skill set, projects and experience through a online website, built using react.js and deployed on Heroku.
- Role Front-end Developer
- Technologies HTML5, CSS3, SCSS, Bootstrap, JSON, React.js
- Website <https://hari-gurudu-portfolio.herokuapp.com>

Walther rathenau str 19- Magdeburg, Germany 39106
M (49)17675142196 • gharikumar2@gmail.com

May 2017	<i>Github profile search application with React.js</i>
Description	This project is a github user profile search application, built using react.js and GithubAPI. This application shows the user details along with the user repos.
Role	Front-end Developer
Technologies	HTML5, CSS3, SCSS, Bootstrap, Axios, React.js, React-RouterV4
Website	https://react-githubapi-userprofile.herokuapp.com
<hr/>	
Jan 2017	<i>Data-Visualization using React.js</i>
Description	This application demonstrates data visualization using react.js visualization library, recharts.js. Data from json file is displayed with the help of a table and a bar graph.
Role	Front-end Developer
Technologies	HTML5, CSS3, SCSS, Bootstrap, React.js , recharts.js
<hr/>	
2016	<i>Todo-Messages MEAN stack application</i>
Description	This is a MEAN stack application, where a user can sign up or sign in and add, delete and update a list of messages.
Role	Full-Stack Developer
Technologies	HTML5, CSS3, Angular 2, Node.js, ES6, Template engine(hbs), Express, MongoDB
<hr/>	
2016	<i>Task management web-app</i>
Description	This app is a CRUD Web Application using Node.js, Express, RESTful API and which helps to schedule, assign, plan and manage the tasks.
Role	Back-end Developer
Technologies	HTML5, CSS3, Node.js, ES6, Template engine(ejs), Express, MongoDB, REST API, JSON
Website	https://task-management-hari-crud-app.herokuapp.com
<hr/>	
2015	<i>Web Interface for Internet of things(IoT)</i>
Description	This project enables real-time communication between the users and the Coffee machine via a web browser to know the status(ON/OFF/Cups of coffee left) of the coffee machine, which is connected the development board, Intel Edison IoT.
Role	Full-Stack Developer
Technologies	HTML5, CSS3, Javascript , Node.js, Socket.io, Express
<hr/>	
2015	<i>Traditional Website-Acme Web Design</i>
Description	This project presents a Multi-page real-world responsive website for an Organization based on web design.
Role	Front-end Developer
Technologies	HTML5, CSS3

Experience

Feb-May 2017

SciFlow GmbH, Front-end developer Intern, Magdeburg – Germany.

SciFlow is a web-based software for researchers to write, collaborate, improve and publish scientific texts. One major part of the software is the scientific text editor to provide functionalities for evaluation formulas as well as research results.

Responsibilities:

- At SciFlow, I did research about various MathML editors libraries, built mock-ups and prototype, developed equation editor widget to integrate into SciFlow, features include : Adding, editing and updating the equations of the SciFlow rich-text editor.
- Testing : end-to-end testing with jasmine and protractor for the SciFlow app.
- Acquired knowledge about the performance and optimization of the SciFlow App

Achievements:

- Successfully did the 1st release of the equation editor for the SciFlow.
- Been part of a highly responsive technical team and acquaintance of software development through agile methodology: SCRUM
- Understood the code-review process and maintained good coding practices

- **Technologies:** Html5, CSS3, Typescript, Angular 2/4 , ES6, Angular Material and Jasmine, karma, protractor.

2013–2014

Amptronics Systems Pvt Ltd, Front-end/Software developer,

Hyderabad – India.

Here my job was on two areas, *front-end development* and Software development for embedded systems projects.

Responsibilities:

- Front-end development: Designed Mock-ups, added new features and updated the old ones for the company's website using HTML5, CSS3, Javascript and other javascript libraries like JQuery etc.
- Software development for various embedded projects like sun tracking solar system to agricultural farming, which includes ARM-based as well as 8-bit microcontrollers.

Technical skills

Top Skills

- HTML5, CSS3, SCSS, Bootstrap, JavaScript, ES6, TypeScript,
- React.js, Angular, Node.js, express.js, MongoDB, JSON, REST API
- Testing: Jasmine, Karma, Protractor and Mocha
- Angular Material, Material UI, JQuery and Java, C/C++

Basic

Gulp, Webpack, Docker

Tools

Atom, Postman, Source tree, Git Bash , terminal

Contact/ URL:

Website <https://hari-gurudu-portfolio.herokuapp.com/>

GitHub <http://github.com/gurudu/>

Skype Id HARIKGURUDU

Walther rathenau str 19- Magdeburg, Germany 39106

M (49)17675142196 • gharikumar2@gmail.com