Ravi BP

Systems Engineer - Web Developer

Experienced Web developer with sound programming and scripting skills. Eager to learn new technologies and adapt quickly to new frameworks. My aim is to apply 'Test driven' approach to develop fast, scalable, secure and responsive websites following agile methodologies.



Experience

2017-11 - present

Systems Engineer

Infosys Ltd

React.js - Redux/ Flux

Developed a fast, scalable and responsive website for a US based E-Commerce company with test driven approach following agile methodologies.

Responsibilities:

- Developed UI designs and wire frames into a functional web page with quality code.
- Built re-usable components and front-end libraries to eliminate code duplication.
- Used GraphQL to fetch data from server to client.
- Used Query Wrapper (JS Library) to handle API request in the application.
- Have basic understanding of SEO and it's best practices.
- Used Jest (Unit testing framework) with Enzyme (Testing Utility) to write Unit Tests for the components.
- Used Pupeteer (Node Library) to run automated UI testing.
- · Used Sass with BEM naming for CSS styling.

Angular 5

Developed a MEAN stack application to implement CRUD operations for a portal to manage Employee details.

Responsibilities:

- Created a Back-end server using Node.JS and Express.JS to handle http requests.
- Created a Relational Database using MySQL for data storage and retrieval.
- Created a Front-end application using Angular 5 and integrated it with the database and server.

2016-01 -2016-07

Intern

ISRO Satellite Centre

- Applied the knowledge of communication principles in real time transmission of telemetry data.
- Implemented the functionality of Digital Direct Synthesis with a 16-bit NCO.
- Designed a DDS based telemetry system.
- Simulated a Look-Up table based DDS and verified the output by simulating a pseudo code of the original on MATLAB.
- Synthesized the transmitter functionality onto a PROASIC board, and observed the Phase Modulated output, further updating the currently running frequency values using a MATLAB GUI.



Education

2013-08 -

Bangalore Institute of Technology

2017-07

Electronics & Communications Engineering, B.E



Hackathon Experience

Infosys Global Hackathon

Runner up in "Infosys Global Hackathon 2019" at Infosys, Trivandrum DC for developing a mobile application to help the visually challenged people to identify currency notes using Google Cloud Vision. (65 Teams)



Certificates

2017-10 Front end Web Developer Nanodegree, Udacity.

2018-12 JavaScript Proficiency Certification, Google Plural Sight.

2015-06 Object Oriented Programming using C++, NIIT.

2019-06 MongoDB



Personal Info

Address

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919035804165

E-mail

ravibp95@gmail.com

Date of birth

1995-07-03

GitHub

https://github.com/ravibp

LinkedIn

https://www.linkedin.com/in/ravi-b-p-62612296/



Skills

JavaScript

HTML 5, CSS3, JS

React.js - Redux/ Flux

Familiar with Redux flow to update store with Connectors, Reducers and Actions.

MySQL, MongoDB

Node.is / Express.is , Angular 5

GraphQL

Python

Jest/ Enzyme



Languages

English

Kannada

Hindi