Sujatha

Web Developer

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EXPERIENCE

Senior Project Engineer - Soliton Technologies, Coimbatore

July 2020 - PRESENT

Architect, develop and review high performing GUIs for chip evaluation/validation.

Project Engineer - Soliton Technologies, Coimbatore

June 2018 - June 2020

Contributed in solutioning, development and testing of chip validation applications.

Intern - Soliton Technologies, Bangalore

August 2017 - May 2018

Contributed in developing internal applications using python and LabVIEW.

EDUCATION

B.E - Electronics & communication Engineering,

June 2014 - July 2018
Sri Krishna College of Engineering & Technology, Coimbatore.

Graduated with **CGPA – 9.6/10**

PROJECTS

Measureware Lab — *Analog Device's Measurement GUI*

Designed and developed the database & device interaction layers.

Redefined data fetching flow that brought huge differences in app performance in terms of fetching speed and stable memory usage.

Acted as mentor for React and guided the team in creating reusable, performance efficient & stable UI components.

Revamped DB schema & queries to scale maximum storage support from 500MB to 10GB without much changes in performance.

SISU Lab — *GUI for controlling SISU Robotics cinema robots*

Performed requirements analysis, design, development and test management for phase 1 of the project.

Automated scripts to build installer eliminating the manual work.

Researched and successfully incorporated data driven models in D3 based UI, which resulted in faster loading of complex UI.

SKILLS

Front-end:
- Strong knowledge in **React & Redux.**
- Strong knowledge in **HTML & CSS (SASS)**
- Experience in creating plots using libraries **D3.js, Plotly.js.**
- Experience in using UI libraries – **Material UI & reactstrap**

Back-end:
- Strong knowledge in **Node.js, Express, socket IO, web sockets.**
- Experience in using **JWT, passport** for user authorization.
- Working experience in **C#, MVVM and WPF**

Database:
- Strong knowledge in **SQLite**
- Working experience in **PostgreSQL**

Source Control:
- Strong knowledge in **GIT**
- Working knowledge in **SVN**

Other Tools:
- Working experience in **NPM, NVM, Yarn & Webpack**
- Working experience in **Node–Webkit**
- Experience in project management tool – Atlassian **(JIRA)**

AWARDS

- **Star Performer** for the month of October 2020
- **Innovator of the year** 2019

INTERESTS

- Client– Server architectures
- Data structures
- Database integration
- Front end development
- Design Patterns