

VIJAY K.M.S

Software Engineer

Contact

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Technical Skills

Programming Languages:

- Java Script
- Python

Frameworks & Tech:

- React
- Angular
- Redux
- RxJs & NGRX
- Node JS
- GraphQL & Apollo
- Electron JS
- Material UI
- SASS & Bootstrap
- Firebase

Database:

- MySQL
- MongoDB

Version Control:

- Git
- Jira
- SVN

Certifications

Angular Complete Course –
Udemy

React and Redux Advanced –
Udemy

JavaScript Advanced - Udemy

Hobbies

- Photography
- Painting

Profile Summary

- Having 4.8 years of experience in different phases of Software Development Life Cycle (SDLC) including Design, Implementation, Development and Testing during the development of software applications.
- Strong knowledge in Javascript technology and its frameworks such as React and Angular.
- Hands-on experience in Node.js, Electron framework and Python.
- Flexibility on new technologies.

Experience

Oct 2020 –
Present

Front End Engineer

RedBlackTree Technologies, Chennai

- Developed the desktop application from end to end in Electron, React, Node and Python.
- Developed web application in React along with the apollo client and GraphQL.
- Analysed and involved in system design of the product.
- Worked in data engineering using python and its libraries such as Pandas, Numpy and Datetime.
- Developed the API server in Node.js and Express and connected to MySQL database.

May 2017 –
Sep 2020

Software Engineer

Accenture Solutions Private Limited, Chennai

- Worked in the web application development by using Angular, NGRX, Bootstrap and Scala for the core functionality.
- Performed DDL and DML operations by using hive in hadoop ecosystem.
- Developed and fixed functionality in Agile and Scrum

Education

APR - 2017

B.TECH INFORMATION TECHNOLOGY

Sri Krishna College of Technology.

APR - 2013

HIGHER SECONDARY

Vidhya Vikas Matriculation Higher Secondary School.

APR - 2011

SECONDARY

Holy Angels Matriculation Higher Secondary School.

Interests

- Full-stack Development (Javascript, React, Angular, Node.js).
- Object Oriented Programming.
- Web and Native application development and System design.
- Data Engineering (Python, Pandas, Numpy)

Trane Connect Digital – Trane Technologies

Description: Trane Connect Digital is an IOT smart control application to analyse and enhance the building energy usage. It analyses energy data and equipment behaviour in the context of the overall system to see what's happening in the building and provides the uncover hidden information and opportunities for improvement of the building energy usage.

Contribution:

- Developed various modules and components in the front-end side of the application using React.
- Analysed and fixed more than 200 bugs in the application.
- Worked in apollo client and GraphQL to manage API calls.
- Optimize the API calls in more than 10 modules while loading(rendering) the components.
- Worked in various libraries in the application such as i18next, formik, react-csv, react-pdf, highcharts, apexcharts, etc.
- Handled the role-based authentication system in the application.

Energy Optics – Trane Technologies

Description: A desktop application which performs data cleaning and data engineering on various file formats such as Excel, CSV, PDF and XML to produce a consistent formatted data.

Contribution:

- Single-Handedly developed the entire application in Electron.js which incorporates React in it.
- Created all presentation and functional components in React with MVC architecture.
- Incorporates Redux for the UI state management.
- Wrote the core functionality in data Engineering which will process more than 100 thousand records in less than 10 seconds using Python (used various data structure algorithms).
- Developed various modules in data cleaning and data processing using Pandas, Numpy and Datetime libraries in Python.
- Developed API server in Node.js(used Express) which is connected to mySQL database.

CIO – Accenture Internal

Description: CIO is a budget management web application to generate a cost estimation model for the project resource and requirement.

Contribution:

- Done the migration of the application from ASP.Net to Angular.
- Created multiple Dashboards for the generated cost models.
- Done the upgradation of angular package to the latest supported version.

Enterprise Eligibility Service – HCSC

Description: It is a web application to modernize and provide a reusable platform that results in operational efficiencies in extract building, data generation, on-demand eligibility data sharing and tracking.

Contribution:

- Developed the core functionality for data processing and data extraction using Scala and Spark.
- Standardize the angular package using sonar lint.
- Handled the application state using NGRX.

Health Analytics – Industry Assets - Accenture

Description: It is a Data Engineering application in Health care domain which provides Data Ingestion, Data Standardization, Data Aggregation, Data Analytics and Data Science.

Contribution:

- Developed the core functionality for various use cases in health care using Scala and Spark.
- Created the page component and presentation component in all modules in Angular.
- Done unit testing and integration testing for all the components.