

VARUN JAISUNDAR RAJU

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🐙 github.com/varunvj

Education

Portland State University

Master of Science in Computer Science

Sep. 2021 – June 2023

Portland, Oregon

RNS Institute Of Technology

Bachelor of Engineering in Information Science

Aug. 2016 – Aug 2020

Bengaluru, Karnataka

Technical Skills

Languages: Python, Java/J2EE, C++, HTML/CSS, JavaScript

Databases: MySQL, PostgreSQL, NOSQL, RDBMS, MongoDB, SQL Alchemy

Developer Tools: Linux, Google Cloud Platform, Windows, GIT, GITHUB, VS Code, Eclipse, Postman, GitLab, IntelliJ

Tools and Frameworks: React, Flask, Node JS Redux, Plotly, Dash, Apache Kafka, REST, JWT, Beautiful Soup, D3 JS

Experience

Lam Research

Software Engineer Intern

June 2022 – Present

Tualatin, Oregon

- Work closely with DSML(Data Science Machine Learning) team to develop applications to digest organize a large time series data set from logfiles to generate statistical summaries based on complex pre-defined rules. .
- Enhance the application to filter various datasets by 15% faster and to provide a wide array of graphical data visualization tools using Plotly and Python dash
- Design the Dashboard using plotly and various built-in functions to make the entire application to run faster 20% .

Accenture Solutions Private Limited

Application Development Associate

Jan 2021 – August 2021

Bengaluru, Karnataka

- Worked for Unilever Core ERP Team as Robotic Process Automation Developer.
- Improved the existing code by removing bugs, unused variables and functions there by improved the response time from the server by 15%.
- Build Automated bots which would work on multiple GUI components to perform repeated tasks at given set of time intervals in a day which reduce the error's caused by human work
- Designed the dashboard for the data generated from different servers. Providing better user experience using d3 js and chart js libraries

Focus Academy for Career Enhancement

Software Developer Intern

March 2020 - April 2020

Bengaluru, Karnataka

- FACE is a skill development based startup which trains students to perform best in industry
- Worked on various FACE webpage's using React and Redux Javascript libraries.
- Collaborated with team members using version control systems such as Git, GitHub to organize modifications to assigned tasks

Academic Projects

What's in my Food? | *Javascript, React, PostgreSQL, Express js, VS Code, PostgreSQL*

- Displays the detailed calorie statistics of search food product using the Calorie Ninja API

C Tran | *Python, Pandas, Apache Kafka, PostgreSQL, JSON, Google Cloud Platform, Linux*

- Monitoring System with wireless network that collects GPS co-ordinates of each Trimet buses every 5 seconds

Diner | *HTML, CSS, Javascript, Node js, Express js, MongoDB, JWT, MongoDB*

- Food Recipe book which uses mealDB API to fetch the food recipe's of user searched dish.

Ekart | *HTML, CSS, Javascript, Node js, React JS, Redux, Stripe API, JWT, MongoDB, Bootstrap*

- Ecommerce Site which enables users to buy products, It uses Stripe API for payment setup. Includes Admin Dashboard to Edit Available Products.

Movie Box | *HTML, CSS, Javascript, Node js, Chart Js, AJAX, JWT, MongoDB*

- Movie database which allows users to maintain his/her favourite movie catalogue allows user to browse movies.

Global Warming | *HTML, CSS, Javascript, D3 js, Chart Js, AJAX*

- It consist pie, map, bar graph which explores the co2 emission of each country throughout the globe every year.

Exercise Tracker | *HTML, CSS, Javascript, React Js, Redux, AJAX, MongoDB*

- MERN stack applications helps the user to track exercises and also lets user's perform CRUD operation's on them.