Veera Bhanu Prakash Reddy Annem

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🎓 Education

Master's in Computer Science, University of Central Florida
01/2022 – 12/2023
Orlando, United States
CGPA: 4/4
Coursework: Advanced computer architecture, Design and Analysis of algorithms, Incident response technologies, Machine learning, Malware and Software Vulnerability Analysis, Operating Systems and File System Forensics, Cyber Operations Lab, Computer Forensics II.

Bachelor's in Electronics and Communications, Sathyabama University
06/2013 – 05/2017
Chennai, India
CGPA: 8.62/10

💡 Skills

Programming languages
Java, Javascript, Python, Redux, HTML, CSS, BootStrap

Frameworks
React JS, Node JS, Express JS, Angular JS, Spring Boot

Databases
MySql, MongoDB, DB2

Software Tools/IDE
Visual Studio, MySql Workbench, Eclipse, Google colaboratory, Postman, Jira, Github, Gitbash, DBeaver, QMF

💼 Professional Experience

Graduate Teaching Assistant, University of Central Florida ⎘
02/2022 – Present
Orlando, United States
- Graded assignments, projects, midterms, and final exams for a class of 200 students while assisting Professors.
- Conducted in-person lab sessions, proctored exams, and advised students on Database Concepts, Web-Based Information Technology, and Programming in C.

Technology Analyst, Infosys ⎘
03/2019 – 11/2021
Hyderabad, India
- Responsible for handling Pathways application that dealt with the development of user interface designs, managing & handling the data using redux & local/session storage, and service calls to store data.
- Designed a data pipeline for the user to perform modifications in the database while integrating Academy and Badge applications involving tracking and assigning compliance codes and ethics for associates.
- Actively participated in Scrum calls with business analysts to decipher the requirements and identify key areas for improvement to further enhance user experience.

Senior System Analyst, Infosys ⎘
06/2017 – 03/2019
Chennai, India
- Implemented **Redux-Saga** to help manage the subzero admin application efficiently.
- Built user interface with **React JS** and Redux, while implementing backend services developed in **Java**.
- Developed Subzero Admin application with both Mobile and Desktop Compatibilities and integrated it with a service to synchronize data from 3PI applications.
- Developed API services in **Node JS** using graphql to store and fetch data from **MySql** DB.

📁 Projects

Academy Application (React Js, Java, Node JS, Express JS)
Academy is an application that deals with tracking and assigning a variety of courses for associates by Academic trainers. On completion of specific courses by the associates and also considering their performance, badges will be awarded to the associates.

SubZero Admin Application (React JS, Java, MySql)
Subzero Admin is an application where the user can create teams, search for associates and assign them to a team, and map the courses to the corresponding team.

Cache Simulator (Java)
To analyze and compare the performance, area, and energy of different memory hierarchy configurations using a subset of the SPEC-2000 benchmark suite, I created a Java application that implements a flexible cache and memory hierarchy simulator with various cache replacement policies such as LRU, Pseudo-LRU, Optimal policy, and FIFO.

Rainfall Prediction with Machine Learning (Python, ScikitLearn, Data Visualization)
Using precision score, ROC AUC, Cohen's Kappa, and total run time, we determined which machine learning model performed best. Python and Scikit-Learn are used for data exploration, data preprocessing, handling class imbalance and missing values, imputation, transformation, feature selection, and model training.

🏅 Achievements and Awards

Infosys
- Presented with a certificate of achievement from Infosys for securing *1st* position in the BTN Ideathon Event conducted across different development centers of Infosys in India.
- Rising Star Award for exemplary performance in developing the NextGen Learning application maximizing user interoperability.
- Insta awards and commendable ratings for two consecutive years to have acted as owner.