KAPISH SHEWALE

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● https://github.com/Kapish0104

Education

Master of Science in Computer Science (GPA 3.66/4)   Dec. 2022
The University of Texas at Arlington, United States.

Bachelor of Engineering in Computer Science (GPA 7/10)   May 2017
Rajeev Gandhi Technical University, India.

Professional Experience

University of Texas at Arlington, United States   Sept. 2021 – Dec 2022
Graduate Research Assistant / Student Web Developer
- Migrated and maintained several UTA libraries websites from Drupal 7 to Drupal 9.
- Developed the front end with HTML/CSS and JS. Enhanced these websites by adding new functionalities and improving responsiveness which resulted in an increased user engagement.

Zensar Technologies, India   Dec. 2017 - Feb. 2020
Software Engineer
- Developed end-to-end APIs using Mulesoft for company's major US based client, CISCO Systems, Inc. which helped the team in the lead generation process.
- Developed an automation tool which migrates data between Oracle Database (SQL) and MongoDB (No SQL), to help the company's strategic initiatives group.
- Enhanced the company's internal research paper repository by adding a search functionality using Solr API.
- Worked in a team of 10+ members in an Agile Environment.

Academic / Personal Projects

Siremar (A resident management web portal) - Web Development - React.js, php, SQL
- A web-based portal which helps an island administration to manage its population and calculate an estimate of money, fuel, and food to be requested from the government.
- Included additional functionalities like chat, admin panel and utility to generate reports of data.

Sorting Algorithms Visualizer - Web App - React.js, Google Charts.js, Javascript
- Developed this interesting react web app where a user can visually see various sorting algorithms in action. It can help someone understand these algorithms better.
- The array of numbers is represented by Column Graphs (Google Charts) and used set timeouts, await and promise functions to create an animation effect.

Find Me Recipe - Cloud Computing - AWS (RDS, Lambda Functions, Rekognition), Google App Engine, Flask
- Developed this cloud-based food recipe search engine which utilizes APIs to query data from the database.
- It also makes use of Amazon Rekognition for Image analysis and to identify food item from its image.
- App deployed on cloud using Google App Engine.

Spam Message Classifier - Machine Learning (NLP) - Naïve Bayes Classifier, Python Flask, Jinja2
- Developed a spam message classifier with the help of Naïve Bayes Classifier (model accuracy 98.4%).
- Conducted data cleaning, model training and hyperparameter adjustment.

Technical Skills

- **Programming Skills**   : Java, JavaScript, Python, Flask, React, HTML/CSS.
- **Tools / Platform**   : Eclipse, VS Code, Jupyter Notebook, Git, GitHub.
- **Databases**   : MySQL, SQL-Server, SQLite, PL SQL, No SQL.
- **Operating Systems**   : Windows, Linux, Mac.