BHARATH D

Location: Avaraikulam, Tirunelveli, TamilNadu

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OBJECTIVE

To obtain a challenging and rewarding position in the engineering field where I can utilize my skills and knowledge to make a positive impact.

TECHNICAL PROFICIENCIES

Languages	:	C , C++ , Java , R , Python , Dart , HTML/CSS , JavaScript , Gawk , TypeScript , Php , Ruby
Frameworks	:	Pyspark , Pytorch , React.js, Angular, Express, Node.js , Flutter
Libraries	:	pandas , Numpy , sklearn , Keras , Matplotlib , Tensorflow , CV2 , TensorBoard
Databases	:	SQL (Oracle , MySQL , PostgreSQL , SQL server) , NoSQL (MongoDB , Cassandra , Neo4j)
Cloud & Services	:	Databricks , Firebase , Amazon Web Services (AWS) , Azure Machine Learning Studio
Dev Tools	:	Github , VS code , Google Colab , Pycharm , Eclipse , Sublime , Weka , Orange, Tableau

EXPERIENCE

Software Engineer Intern *Annuity Risk India , Chennai* Feb 2024 - Jun 2024

- Gained proficiency in Flutter for cross-platform app development.
- Explored and implemented various Flutter packages to enhance app functionality.

Software Engineer *Annuity Risk India , Chennai* Jun 2024 - Present

PROJECTS

Brain Tumor Classification using SWIN-LSTM model Dec 2023 - Apr 2024

- Developed a Brain Tumour Classification system using SWIN-LSTM model

Personalized Book Recommendation System with PySpark Sep 2023 - Oct 2023

- Developed a personalized book recommendation system using PySpark
- Utilized the Alternative Least Square (ALS) technique within the Databricks environment

Obstacle Avoiding Car Sep 2023 - Oct 2023

- Designed and developed an obstacle-avoiding car
- Implemented Ultrasonic sensors and Stepper Motors with Arduino for obstacle detection and motor control

Farmers E-Commerce System Apr 2023 - May 2023

- Built a Farmers E-Commerce System using PHP, MySQL, HTML, CSS, and JavaScript
- Integrated Stripe API for payment processing

Vehicle Speed Detection Apr 2023 - May 2023

- Developed a Vehicle Speed Detection system using the YOLO V8 model in Python

Diet Recall App Apr 2023 - May 2023

- Designed and built a Diet Recall app using React and Firebase

Word Prediction Apr 2023 - May 2023

- Implemented a Word Prediction system using LSTM model and N-Gram techniques

Movie Recommendation System May 2022 - June 2022

- Built a Movie Recommendation System based on collaborative filtering using the SVD algorithm in Python

Hall Analytics System Sep 2022 - Oct 2022

- Designed a Hall Analytics System using HTML, CSS, Node.js (Handlebars.js, Express.js, MongoDB)

Student Attendance System by Face Recognition   May 2022 - June 2022

- Implemented a Student Attendance System using face recognition with OpenCV in Python

Covid Data Analysis and Prediction   Nov 2022 - Dec 2022

- Conducted Covid Data Analysis and Prediction using ML Algorithms (Random Forest, Decision Tree, K-Means, KNN, Naïve Bayes)

EDUCATION

Mepco Schlenk Engineering College   CGPA : 8.62
B.Tech Artificial Intelligence and Data Science   *2020-2024*

SAV Balakrishna Mat.Hr.Sec.School   Percentage : 80
HSC   *2020*

St.Ann's Mat.Hr.Sec.School   Percentage : 94.4
SSLC   *2018*

ACHIEVEMENTS AND AWARDS

- Won scholarship for securing CGPA above 8.5(Rs.15,000) - **2023**

- won Scholarship for securing bronze in Anna University Hockey zonal Tournament (Rs. 1000) - **2023**

- Represented the Virudhunagar district Hockey team in the CM Trophy Tournaments held in Chennai - **2023**

- Won scholarship for securing CGPA above 8.5(Rs.15,000) - **2022**

CERTIFICATIONS

- AWS Certified Cloud Practitioner - **AWS**

- Data Science for Engineers IIT Madras - **NPTEL**

- Introduction to Machine Learning IITKGP - **NPTEL**

- Natural Language Processing IITKGP - **NPTEL**

- Software Engineering and Agile Software Development - **Infosys**