Kishan Shetty

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I am an inquisitive and prolific person eager to contribute to team success by being diligent tenacious and meticulous, I possess a clear understanding of Data Analytics and training in Machine Learning. I am also proactive with knowledge of client handling and data handling. Aiming to leverage my abilities to successfully fill the vacancy at your company. Frequently praised as hard-working by my peers, I can be relied upon to help your company achieve its goals.

Experience

JAN '22 - APR '22

Data Science Consultant | Lloyd's Banking Group, Bristol

Worked on a data science consulting project in collaboration with the University of Bristol as a part of coursework.

- Pre-processing, tracking and analyzing data trends to identify potential areas for improvement and growth
- Data visualization to implement fraud detection, customer segmentation and sector analysis.
- Responding to data-related queries and requests from internal and external stakeholders, ultimately providing 7 new ideas to improve business.

DEC '20 - JUL '21

Technical Engineer | HP Inc., Bangalore

- Acted as the first point of contact for clients from 9 countries experiencing complex software issues, escalating calls as necessary to ensure a speedy resolution.
- Managed to handle over 300 clients every month while maintaining a satisfaction rate over 85% throughout.
- Developed skills like objection handling and being a part of the team.

JUN '19 - JAN '20

Research Associate | IEEE Photonics Society, Bangalore

- Worked in the domain of Quantum Dots and Computation with hands-on experience using the software QCA Designer to build digital electronic circuits with 40% less cells and 36% better efficiency.

Education

JAN '23

MSc In Data Science

University Of Bristol**, Bristol**

NOV '20

B.E In Computer Science

The Oxford College Of Engineering**, Bangalore**

Projects

Alzheimer's Progress Detection using CNN

As a part of my MSc dissertation, I have worked on using CNN to better analyze MRI scans of the brain to identify the different stages of Alzheimer's using the data from ADNI. Achieved 2 different types of classification on the data: nominal and ordinal. Tasks like data cleaning and image augmentation have been done as well and 2 different types of CNN was used to achieve the goals. As a part of ordinal classification, a ranked classification was achieved which predicted the percent of a scan being being in a particular stage.

Visual Analytics of Bio-demographics

Used Tableau to construct a dashboard which could visualize the 2011 UK Census Data and explored how health is dependent of various socio-economic factors and identified several useful insights across the regions of the UK.

AWS Auto-Scaling

Hands-on experience with on using AWS to perform dynamic scaling. Resourced various AWS services like EC2, SNS, SQS and S3 to successfully test the architecture for various loads and perform scaling.

Connected Buses and Smart Bus Shelters

Under the domain of IoT and ML, a prototype was made on demonstrating how density can be reduced in buses and bus shelters by using Raspberry Pi, Arduino Uno, PIR Sensors, and Motion Sensors and applying Linear Regression ML Algorithm. Developed a website and mobile application for commuters to check density in advance before planning the trip.

Certifications

AWS Cloud Foundation | Python | Data Science | Data Analytics

Awards

Bristol PLUS Award

Publications

- The Reversible Universal Gate and realization of basic gates in Quantum Dot Cellular Automata -IJSER
- Quantum Dot Cellular Automata-based RBG to Gray Scale Conversion in Bio-Medical Application -IEEE
- Delineation of connected buses and smart bus shelter by employing IoT and Machine Learning -IEEE