

Anu Varshini

BUSINESS ANALYST · DS & ML PRACTITIONER

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“There are no shortcuts to any place worth going.”

Education

World Quant University

APPLIED DATA SCIENCE MODULE

US

Jan 2021 - June 2021

- Scientific Computing and Python for Data Science
- Machine Learning and Statistical Analysis

Sri Krishna College of Engineering and Technology

Coimbatore

B.TECH IN INFORMATION TECHNOLOGY

2015 - 2019

- Graduated with 8.6/10 GPA and classified under First Class with Distinction

Sri Lathangi Vidhya Mandir

Coimbatore

HIGHER SECONDARY

2012-2015

- 10th - 97.6%
- 12th - 97.06%

Skills

Programming	Python[Numpy Pandas Matplotlib Scikit TensorFlow Keras], SQL, JS, HTML
ML Algorithms	Regression, Classification, SVM, PCA, Decision Tree, Neural Network, Random Forest, Ensemble
IDE	Jupyter, Matlab, IBM Watson, Octave, Spyder, VS Code
Tools	Excel, Tableau, Power BI
Databases	SQLite, MySQL

Experience

Hotfoot Technology Solutions

Chennai

BUSINESS ANALYST

May 2019 - Dec 2019

- Exposure towards Lending Sector in Finance and Banking domain (LOS Environment).
- Effectively involved in Process Design and implementation of the project.
- Expertise in handling requirements, documenting and solving critical problems.
- Developed standard operating procedures and document workflows for current and future process steps.
- Sorted incoming mail and expedited urgent correspondence for immediate attention.
- Revamped plans to enhance company's capability of maintaining and recovering critical business functions.

Internships and Workshops

KPMG

Australia

DATA ANALYTICS CONSULTING VIRTUAL INTERNSHIP

Jul. 2020

- Identified the data quality issues and implemented strategies to mitigate these issues.
- Targeted high value customers arrived through analysis of the data set using Pandas based on customer demographics and attributes.
- Presented the data insights as interactive dashboards and slide deck using Tableau.

Microsoft

Online

AI CLASSROOM SERIES - WORKSHOP

Sept. 2020

- Focused on fundamentals of AI, Machine Learning and understanding of cognitive services to build intelligent solutions.
- Trained on building machine learning on models on Microsoft Azure.

Academic Projects

An IOT Based Vehicle Accident Detection System and Trustability Analysis using Naïve Bayes Algorithm

2019

- Published on 2nd International Conference on Recent Advances in Engineering and Technology(ICRAET-2019).
- Developed using alcohol sensor, ultrasound sensor, heartbeat sensor and smoke sensor to predict the accident and values are uploaded to cloud and accessed via web application. Additionally, trustability analysis of the driver is performed using Naïve Bayes algorithm.

Garbage Monitoring System

2018

- Smart garbage monitoring system to measure the level of garbage in real time and alert the municipality via SMS
- The ultrasonic sensor is used for measuring the levels and the Arduino UNO attached with the Wi-Fi module is used to transfer the information to the application

Online Complaint Management System

2017

- Web based project developed for the ease of students and staffs who wish to lodge a complaint in any discipline
- Implemented using MY SQL and PHP as coding languages and XAMPP software

Achievements

- Gold Level Badge on Hackerrank in Python
- 99.07% in National Level Entrance exam, MAT
- Top 3% of House Price Prediction Competition hosted on Kaggle.
- Band 8 (of 9) in IELTS (International English Language Testing System)

Certifications

Data Science Professional Certificate

ISSUED BY IBM

Tensor Flow Developer Professional Certificate

ISSUED BY DEEPLARNING.AI

SQL for Data Science

ISSUED BY UNIVERSITY OF CALIFORNIA, DAVIS

Deep Learning Specialization

ISSUED BY DEEPLARNING.AI

Machine Learning

ISSUED BY STANFORD

Mathematics for Machine Learning: Linear Algebra and Multivariate Calculus

ISSUED BY IMPERIAL COLLEGE LONDON

AWS Fundamentals Specialization

ISSUED BY AMAZON WEB SERVICES

Data Management and Visualization

ISSUED BY WESLEYAN UNIVERSITY

Excel skills for Business: Essentials

ISSUED BY MACQUARIE UNIVERSITY