

EDUCATION

Master of Computer Science (MCS) Arizona State University, Tempe, AZ Coursework: Data Mining, Data Processing at Scale, Data Visualization, Introduction to Deep Learning, Natural Language Processing	August 2021 – May 2023 GPA: 3.40/4
Bachelor of Engineering in Computer Science (BE) BMS College of Engineering, Bangalore, India Coursework: Python, Database Management Systems, Fuzzy Logic and Neural Networks, Big Data, Artificial Intelligence, Data Science using R	August 2017 – May 2021 GPA: 3.71/4

PROFESSIONAL EXPERIENCE

TE Connectivity Services India Pvt Ltd / Data Insights and Analytics Engineer <ul style="list-style-type: none">Spearheaded Cloud Migration Project from migrating 60-70% data to AWS Redshift resulting in 40% increase in query performanceTransformed raw data from SAP Hana and Oracle Runtime Database using MySQL, Cassandra, and Hive enhancing data accuracy by 60%Authenticated large databases over 5 million records utilizing AWS Athena, S3 and Excel to rectify inaccuracies with a success rate of 98%Automated the manual validation process through pipelines using Python reducing the time from 10 hours/day to a few secondsAdministered CI/CD pipelines using AWS CodeBuild, AWS CodePipeline, and Jenkins for continuous deployment of validated datasets	August 2020 – July 2021 Bangalore, India
Docintosh / Data Scientist <ul style="list-style-type: none">Conducted rigorous data analysis on existing healthcare data consisting of over 10,000 patient records, identifying significant trends and correlations that resulted in a 20% decrease in patient readmission ratesLed data cleaning and preprocessing efforts on a clinical dataset, effectively reducing data inconsistencies by an impressive margin of 80%, ensuring the accuracy and completeness of the data for subsequent analysisConducted in-depth analysis of user engagement patterns on the Docintosh platform, processing and interpreting a dataset of over 1 million interactions to identify key trends and insightsLed a team in creating interactive data visualizations and dashboards using Tableau, resulting in a 30% increase in data comprehension among healthcare stakeholders and facilitating data-driven decision-making processesConducted A/B testing experiments on a healthcare intervention, analyzing statistical significance using t-tests and achieving a 25% improvement in patient engagement metrics, leading to enhanced patient satisfaction and adherence to treatment plans	August 2019 – July 2020 Bangalore, India

ACADEMIC PROJECTS

Quora Question Pairs Similarity Tech Stack - Python, NLTK, Keras, Jupyter Notebook Arizona State University <ul style="list-style-type: none">Leveraged Matplotlib to design comprehensive visual plots resulting in a 20% improvement in accuracy of class distribution analysisOperationalized Spacy to vectorize data during feature extraction, reducing processing time by 35% and improving model performance by 15%Implemented data preprocessing techniques such as tokenization and stemming to ensure 99.9% data qualityCollaborated to develop an innovative feature engineering method that amplified model accuracy by 12%Tested various predictive models such as Logistic Regression, SVM, and Gradient Boosted Decision Trees, with the latter outperforming the others with an accuracy of 79.29%, reducing error by 20%
Stock Market Prediction Tech Stack – Python, Keras, API Integration, AWS, Flutter BMS College of Engineering <ul style="list-style-type: none">Coordinated to design and implement a scalable deep neural network architecture for stock price prediction with 93% accuracyHarnessed historical stock market data to develop LSTM networks, improving the next-day stock movement prediction by 75%Dissected the fundamental data of the company algorithmically using python API and predicted the health of the stock in the long termEmployed AWS S3 and DynamoDB to efficiently transform and store data in JSON format, reducing data processing time by 50%Engineered a Flutter mobile application that displayed key performance metrics of the stocks in a visually appealing and user-friendly manner

SKILLS

Programming	Databases	Framework and tools	Certification
Python, SQL	MySQL, NoSQL, MS-SQL	GCP BigQuery, Docker, Apache Airflow, Apache Spark, Tensorflow, PyTorch, Keras, FastAPI, Power BI, Tableau, Microsoft Excel, AWS, Jenkins, Looker	Deep Learning Specialization, Data Analysis with Python (IBM), AWS Fundamentals, Creating Business Value with Data and Looker, Google Cloud Professional Data Engineer Certification (in-progress), Google Professional Data Analytics, Data Visualization with Tableau