SAMEER AMESARA

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PERSONAL PROFILE

A budding software engineer willing to work and learn in a real professional and vying ambiance that enables to cope with the emerging technology and widens the spectrum of my knowledge and thereby add value to the organization.

TECHNICAL PROFICIENCIES

FIELD OF INTEREST: Data Analytics, Cyber-Security, Data-Structures and Algorithms, Machine Learning.
PROGRAMMING LANGUAGES: Java, C/C++, Python(Basics), ASP.Net, Scala.
TECHNOLOGIES & TOOLS: Big Data, Hadoop, Spark, Hive, Windows, Linux, Adobe Photoshop, MS Office.

COURSEWORK

Data-Structures and Algorithms, Computer Organization, Computer Networks, Operating Systems, Database Management System, Software Engineering, Object Oriented Programming.

EDUCATION

Maharaja Sayajirao University of Baroda, Vadodara
Bachelors of Engineering (Computer Science) | June 2017 - June 2021 | CPI : 9.03/10

PROFESSIONAL EXPERIENCE / INTERNSHIP

Systems Engineer
Tata Consultancy Services | July 2021 - Present

Currently working as a Big Data Engineer and using technologies like Big Data, Hadoop, Scala, Spark, Hive and Java.
- Analyzing, organizing & combining raw data from different sources.
- Hands-on Experience with building Spark/Python based Data Pipelines.
- Framed & Optimized SparkSQL queries for Data Aggregation.
- Developed Python code for creating Airflow DAGs used to monitor the triggered jobs.
- Explore ways to enhance data quality and reliability.

Front-End Developer Intern
Maharaja Sayajirao University Of Baroda | May 2021 - June 2021

Designed Academics module for selecting the courses for particular branch or a stream in Engineering or Commerce using AngularJS, Microsoft SQL Server and Java.

Web Developer
PRERNA - The Emancipation | August 2018 - August 2019

Designed a static website for a social event using HTML, CSS, JavaScript and Bootstrap. Also, lead a team of 5 for the website development. And was responsible for the online marketing of the event.

PROJECTS

MediLap - Search Medicine on the Go
Designed a Web Application using ASP.Net and Microsoft SQL Server for getting information regarding particular medicine or a medical store where the medicine would be present.

Comparision of various ML models for Stock Price Prediction
Evaluated and compared various machine learning models like LSTM, CNN, SVM, Linear Regression, and Random Forest for Stock Price Prediction and performed Sentimental Analysis on News Headlines using VADER lexicon.

Software Requirements Specification (SRS) for Face Identification System

Created a Software Requirements Specification (SRS) documentation incorporating the use of Life Cycle Models, Functional and Non-functional Requirements, Data-flow, and UML diagrams.

Stock Price Prediction Using Sentimental Analysis on News Headlines

Conference - ICTIS 2022 | April - 2022

Evaluated and compared various deep learning algorithms such as Long-Short Term Memory (LSTM) and Complex Neural Networks (CNN) for estimating stock prices with and without sentiment analysis.