ADITYA KUMAR

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OBJECTIVE

Software Developer with 2.5+ years of experience building data-intensive applications, tackling challenging architectural and scalability problems, and collecting and sorting data in Finance.Well-acquainted with Pipelines, Data structures, Data management, processing systems, and Data Scraping. I strongly desire to move forward, face new challenges, and expand my skill set.

EDUCATION

Bachelor of Technology in Computer Science and Engineering, Biju Patnaik University of Technology, Odisha
2017 - 2021

SKILLS

Technical Skills	Java, SpringBoot, Python, Pandas, Numpy, Django, REST framework, Metplot, Seaborne, TensorFlow, ML, Flask, Selenium, Data Scraping, JS, HTML, CSS, Doc. using Swagger
Database	PostgreSQL, MySQL, AWS S3, AWS EC2, Snowflake
OS	Unix/Linux, Windows
Soft Skills	Communication Skills, Creativity, Result-oriented

EXPERIENCE

Python Developer April 2022 - Now
Nexensus(Eagle Peak Intel Pvt. LTD) *New Delhi, IN*

- Developing a new code to collect data from the source where the data are present as per the requirement.
- Analyzed converted legacy of Financial data and Judgment data compatibility and accuracy.
- Increased the efficiency of the data fetching by approximately 30% using query optimization and indexing.
- Automated the manual data reconciliation process between the different sources, increasing the data accuracy and efficiency by 90%.
- Decreased database load by 26% by refactoring data structures and implementing an update on the event cache.
- Introduced several reusable generic Talent systems that saved up to 50% on development time.
- Developed an ETL system to replace an existing data pipeline built on DTS using Python and PostgreSQL Server.

Data Science Intern July 2020 - August 2020
Perfect E-Learning *Faridabad, Haryana, IN*

- Create intricate data structures to aid in the development of corporate strategies and insights.
- completed a comprehensive review of the metadata and data to ensure that any sensitive information had been found.
- Completed impact analysis on a data warehouse for incoming projects.
- Analysed 10 business processes to collect measurable data.
- Completed 150 hours of training in ETL Pipelines and MySQL.

PROJECTS

Zip Code to Latitude and Longitude API. The Django API provides seamless access to latitude and longitude coordinates by inputting a zip code. It simplifies location-based operations by offering effortless retrieval of geographic data. This API streamline processes requiring geographical coordinates, enhancing efficiency in various applications such as mapping, weather forecasting, and location-based services! (View Repository)

Breast Cancer Prediction. This is an analysis of the Breast Cancer (Diagnostic) Data Set, We are going to analyze it and try several machine learning classification models to compare their results. The best model found is based on a neural network and reaches a sensibility of 0.984 with an F1 score of 0.984.(View Repository)

Fruits and Vegetable Recognition System. It is a fruit and vegetable recognition system using CNN and provides recipe suggestions to the user. Users can click vegetable or fruit images using this app. This CNN model predicts the provided image and gives the available recipe suggestions as well as the procedures. (View Repository)

CERTIFICATIONS

- **June 2024**, AWS Solution Architect — EdYoda
- **September 2023**, Data Visualisation: Empowering Business with Effective Insights — Forage
- **September 2021**, Cognizant USA Ready, Set, Agile! Virtual Experience Program — Forage
- **September 2020**, Certified Python Data-Structures Machine Learning — Perfect E-Learning
- **July 2020**, Certified Python for Data Science — IBM
- **August 2018**, Certified MTA: Introduction to Programming Language in Java — MTA

LANGUAGES

- **Hindi**, Native Speaker
- **English**