

DILEEP KUMAR

Python Developer

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SUMMARY

As a Python Developer, I contributed to various projects by writing clean, efficient Python code, debugging, and collaborating with team members. Assisted in developing new features and optimizing existing codebases. Demonstrated proficiency in Python programming and a strong willingness to learn and grow within the role.

EXPERIENCE

IT Department Internship

Mirpurkhas Sugar Mill Mipurkhas Ltd.

07/2023 - 10/2023 Mirpurkhas

DESCRIPTION

- Achieved proficiency in ERP systems, with a focus on SAP HANA 4, through 80 hours of hands-on experience and 40 hours of training sessions.
- Assisted in the implementation and maintenance of SAP HANA 4 modules, contributing to a 20% improvement in data processing efficiency.
- Conducted data analysis and generated insights using SAP Analytics tools.
- Completed 30 hours of additional training in cloud computing and analytics.

Data Science Intern

The Spark foundation

09/2023 - 10/2023

DESCRIPTION

- Predicted 90% using Unsupervised ML
- Exploratory Data Analysis - Retail
- Stock Market prediction using numerical and textual analysis
- Timeline analysis: COVID-19
- Model deployment on Django.

SKILLS

Python C PHP

Data cleaning and EDA

Data visualization

SQL(ORACLE | MYSQL)

NOSQL(MongoDB)

Deep Learning (CNN | RNN | ANN)

WEB Development:

HTML | CSS | JAVASCRIPT

TOOLS(JUPYTER NOTEBOOK |
VISUAL STUDIO)

TESTING (PYTEST | UNIT TEST)

ADDITIONAL SKILLS

PYTHON (Django | Flask)

Libraries & Frameworks: Pandas,
NumPy, scikit-learn, TensorFlow,
Keras,

API Integration (Flask API)

SAP HANA 4 | ANALYTICS AND
CLOUD

EDUCATION

Bachelor's in Computer Science

University of Sindh

01/2020 - 2024

GPA

3.8 / 4.0

- Programming Proficiency: Python, Java, C++; emphasis on algorithms and data structures.
- Software Development: Agile project collaboration for efficient problem-solving.
- Database Management: Design and manage databases; skilled in SQL.
- Web Development: HTML, CSS, JavaScript; created dynamic web applications.
- Networking and Security: Proficient in network administration, ensuring system security.
- AI and Machine Learning: Implemented algorithms for pattern recognition and NLP.

AWARDS



IGNITE PROJECT FUNDING FINAL YEAR

Awarded at University OF SINDH



PM LAPTOP SCHEME

Received Merit Award from the Prime Minister of Pakistan for highest GPA and outstanding academic performance during Bachelor's studies.

LANGUAGES

ENGLISH

Proficient



URDU

Proficient



SINDHI

Proficient



CERTIFICATION

IBM Data Science (10 courses)

IBM/ Coursera Specialization

Meta Back-End Developer

META / Coursera Specialization

Python (Basic)

HankerRank

SQL (Basic)

HankerRank

Databases and SQL for Data science with python

IBM/Coursera

PROJECTS

Automated detection of Diabetic Retinopathy using deep learning

08/2023 - 12/2024

DESCRIPTION:

- Developed deep learning model for automated diabetic retinopathy detection with 93% accuracy. Built **Flask and Django** website deployed on Azure, integrated with MongoDB for image uploads and predictions.

Real Estate Price Predictor

DESCRIPTION:

- Developed a machine learning model to predict real estate prices with an accuracy of 92%. Conducted data preprocessing, feature engineering, and model training to achieve precise predictions, assisting buyers and sellers in making informed decisions.

Customer Churn Predictor

DESCRIPTION

- Developed a logistic regression model to predict customer churn, aiding in retention strategies with 95 % high accuracy.

Sentiment Analysis Tree

DESCRIPTION

- Utilized a decision tree model to analyze sentiment, accurately categorizing customer feedback with 80 % precision.

Salary Estimator

DESCRIPTION

- Built a linear regression model predicting employee salaries with 90% accuracy, facilitating fair compensation decisions.