

Gufran Bhatti

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Portfolio: <https://portfolio-gufran.streamlit.app/>

PROFILE

Hi, I'm Gufran Bhatti – Computer Science enthusiast eager to bring my passion and skills to a dynamic team. I hold a Bachelor's degree in Computer Science with a solid 3.50 CGPA. Currently, I'm a Python Developer at Precision Bird (Pvt) Limited, where I automate tasks and analyze spatial data using GIS tools. Previously, I interned as a Data Scientist at The Sparks Foundation, doing exploratory data analysis and applying machine learning models. I'm certified in AI programming, databases, power bi, and neural networks. Let's connect and explore how I can contribute to your team!

EDUCATION

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|---|------------------|
| – KIET - Bachelor of Science in Computer Science (2019 - 2023) | CGPA 3.50 |
| – Government Degree College Gulshan – Intermediate Pre-Engineering (2016-2018) | GRADE: C |
| – Al-Badr School – Matriculation Science (2014-2016) | GRADE: A |

EXPERIENCE

PYTHON DEVELOPER – PRECISION BIRD (PVT) LIMITED (Sep 2023 – Present)

- Automate tasks like downloading and processing spatial data using python to speed up the productivity.
- Write python scripts to solve problems related to spatial data analytics.
- Use prebuilt object detection and segmentation models and tune them to detect plants/crops in crop images.
- Learnt Django framework and built a basic website using postgresql as database.
- Use GIS tools to like ArcGIS Pro, Google Earth Pro, etc. to analyze and process sentinel-2 data.

DATA-SCIENTIST – THE SPARKS FOUNDATION (Oct 2022 – Nov 2022)

- Primary task was to perform exploratory data analysis on various datasets.
- Used basic machine learning models on supervised datasets.

TEACHER – SIR SYED COACHING CENTER (2019-2020)

- Taught Mathematics to Cambridge and Karachi Board Students

PROJECTS

INTRUSION DETECTION USING ML AND DL – FINAL YEAR PROJECT (RESEARCH-BASED)

KAGGLE COMPETITION – HOUSE-PRICES-ADVANCED-REGRESSION-TECHNIQUES (0.13 RMSE)

EXPLORATORY DATA ANALYSIS ON SAMPLESUPERSTORE DATASET

DATA MINING ON LFB DATASET

PUBLICATIONS

EFFICIENT & SUSTAINABLE INTRUSION DETECTION SYSTEM USING MACHINE LEARNING & DEEP LEARNING FOR IoT

[Efficient & Sustainable Intrusion Detection System Using Machine Learning & Deep Learning for IoT | IEEE Conference Publication | IEEE Xplore](#)

CERTIFICATIONS

DATA ANALYSIS AND VISUALIZATION WITH POWER BI

<https://www.coursera.org/account/accomplishments/verify/94CPNJJWSEWE>

DATA MODELING IN POWER BI

<https://www.coursera.org/account/accomplishments/certificate/9YTRBXV7BBQF>

EXTRACT, TRANSFORM AND LOAD DATA IN POWER BI

<https://www.coursera.org/account/accomplishments/verify/733M5WBFYZ3>

AI PROGRAMMING WITH PYTHON (NANO-DEGREE)

[Udacity Certificate Confirmation](#)

DATABASES AND SQL FOR DATA SCIENCE WITH PYTHON

<https://www.coursera.org/account/accomplishments/certificate/PTWDHW22D5D5>

NEURAL NETWORKS AND DEEP LEARNING

<https://www.coursera.org/account/accomplishments/certificate/4JLE5Y3S7JKV>

MACHINE LEARNING WITH PYTHON

<https://freecodecamp.org/certification/GufranBhatti/machine-learning-with-python-v7>

DATA ANALYSIS WITH PYTHON

<https://freecodecamp.org/certification/GufranBhatti/data-analysis-with-python-v7>

SKILLS

Automation | Spatial Data Analysis | Sentinel-2 Data Processing | GIS tools | Relational Database Management System (RDBMS) | Jupyter notebooks | Machine Learning | Deep Learning | Feature Engineering | Data Visualization | EDA (Exploratory Data Analysis) | Django | Python | SQL (for data science) | Neural Networks | Git | Power Bi | Power Query | ETL | Data Modeling | Schemas | DAX