

Shekh Zaib

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EDUCATION

Lakshmi Narain College of Technology University, Bhopal

Bachelor of Technology in Computer Science and Technology; CGPA: 8.2

Madhya Pradesh

Aug 2018 – Jun 2022

Bethel Mission Hr. Sec. School (MP Board), Anuppur

Senior School Certificate Examination; Percentage: 60%

Madhya Pradesh

May 2017 – Jun 2018

EXPERIENCE

Star Agile / PyTorch, Tensorflow, Pandas, Scikit-learn

Nov 2023 – Present

Data Science Intern (Remote)

Pune, India

- Applied project-based learning to master **Machine/Deep learning** concepts (ANN, NLP, RNN, CNN).
- Studied **convex** functions to enhance DL model generalization, boosting team proficiency by **25%**.
- Leveraged experimentation to validate **models**, achieve comparable performance of learning by **70%**.

Coforge Limited / Python, SQL, TPF, Assembly Language

Jan 2022 – May 2023

Software Engineer (Remote)

Noida, India

- Developed a web-based, **globally scaled** automated solution for the PNR generation performance module.
- Streamlined the manual process, **automating** creation of **SQL scripts** for data aggregation and populating into PPT.
- Automated data aggregation, reducing workload by **92%**, ensured **99.8%** data accuracy.

PROJECTS

Concrete Compressive Strength Predictor / Scikit-learn, Seaborn, NumPy

Apr 2024 – Apr 2024

- Developed a **mobile-deployed** concrete compressive strength prediction app using machine learning.
- Enhanced real-world concrete strength **data quality by 64%** via data cleaning and reduction techniques.
- Increased **dataset size by 183%** with targeted data augmentation techniques

E-Commerce Sales Dashboard / Python, Pandas, Microsoft Power BI

Jan 2024 – Feb 2024

- Led development of a **Data Visualization** solution, using Python, Power BI and python libraries.
- Improved **report** and presentation with Microsoft Power BI, reducing time and **enhancing** efficiency by **31%**.
- Recognized for technical proficiency and **delivering** accurate, visually compelling insights to stakeholders.

CO2 Emission / Python, Machine Learning, Seaborn, Matplotlib

Sep 2023 – Oct 2023

- Implemented a novel Machine Learning **Regression** approach to produce high-fidelity.
- Trained the model on a large CO2 Emission dataset, leveraging **Scikit-learn** for efficient implementation.
- Achieved a **training** set score of 0.908682419221 and a **testing** set score of 0.88390473763 using the **r2_score** metric.

TECHNICAL SKILLS

Languages: C++, Python, SQL, JavaScript, HTML, CSS

Developer Tools: Google Colab, Jupyter Notebook, GitHub, Linux, VS Code, MySQL, PostgreSQL

Technologies/Frameworks: Tensorflow, Scikit-learn, NumPy, Matplotlib, Seaborn, Pandas, Power BI, MS Excel

CS Core: Database Management System, Object Oriented Programming

Soft Skills: Leadership, Team Work, Public Speaking, Event Management

CERTIFICATIONS

- **Business Analysis Foundation** by **Microsoft and LinkedIn, IIBA** (Online) on LinkedIn
- **GCP Associate Cloud Engineer** by Ranga Karanam, **Udemy** (Online)

ACHIEVEMENTS

- Secured **State level football** certification as left winger.
- Solved **300+ questions** on various coding platforms.

POSITIONS OF RESPONSIBILITY

- Conducted Gaming competition as **Coordinator** of Planet Engineer (Planet Engineer) LNCT University.
- Serving and supporting the Literary Club Eunoia as **Executive Member** for the 1 years.