DHAKSHANA MOORTHY R

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OBJECTIVE

I'm currently pursuing my **B.Tech** in **Information Technology**. With expertise in **Full Stack Development** and **Machine Learning**, I analyze data using various algorithms and **statistical models**, including **natural language processing** and **deep learning**. Proficient in coding and software development, I'm eager to leverage these skills to drive innovation and make a meaningful impact at a forward-thinking organization.

EDUCATION

B.Tech in Information Technology 2021 - 2025
St.Joseph's Institute Of Technology,Chennai.
CGPA: 7.74/10.00

HSC, Class XII 2020 - 2021
Zion Matric Hr Sec School, Chennai, 93%

SSC, Class X 2018 - 2019
Ellen Sharma Mem Hr Sec School, Chennai, 90%

TECHNICAL SKILLS

Programming languages:	Java, Python, C.
Data analysis and visualization tools:	Excel, Power BI, Matplotlib, Seaborn
Machine learning frameworks:	TensorFlow, PyTorch, Scikit-learn
Database systems:	MySQL
Full stack:	MongoDB, Flask, React.js, Node.js

CERTIFICATION

1. **Python for Data Science** *Infosys Springboard* — May-2023
2. **Machine Learning** *Kaggle* — Mar-2023
3. **Responsive web design** *Freecodecamp* — Feb-2023
4. **Machine Learning with Python** *LinkedIN* — May-2024
5. **Python Object-Oriented Programming** *LinkedIN* — May-2024
6. **R Programming Fundamentals** *Infosys Springboard* — Sept-2022
7. **Data Scientist's Toolbox** *Coursesera* — Jan-2022
8. **Backend and apis** *Freecodecamp* — Jan-2022

PROJECTS

2D Image to 3D model with AR Website:
· Using Computer Vision and BPY modules I created a 3d model just from one image.
· Introduced in AR website platform where the 3d model can be viewed.

Bank ChatBot:
· With simple user interface we created a banking chatbot to help user to understand basic and fundamentals of bank.

Predictive model for BTC:
· EDA & Prediction model for bitcoin analysis.

LightGBM for gold price prediction:
· Gold price prediction time series split using LGBM.

Named Entity Recognition (NER) for Characters Extraction:
· Using Custom NER user can get the entities from contexts inside book.

Pneumonia Detection:
· Using transfer learning and CNN pneumonia can be detected from X- ray images

PROFESSIONAL SKILLS

- · **Leadership**
- · **Communication skills**
- · **Team collaboration**
- · **Adaptability**
- · **Time management**
- · **Critical thinking**

LANGUAGES KNOWN

- · **TAMIL**
- · **English**
- · **Hindi**
- · **Japanese – Beginner (Speaking and understanding)**