MUNNA DAS TATWA

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Vadodara, Gujarat - 391760, India │ [LinkedIn](#) │ [GitHub](#) │ [Leetcode](#)

SUMMARY

I'm a B.Tech student in Computer Science and Engineering, with skills in Machine Learning, Data Science, Python, SQL, Tableau, Flask, ReactJS, HTML, CSS and MS Excel. Interested in working with data to find useful insights and build simple solutions. Eager to learn and grow in the field of technology.

SKILLS

- **Programming Languages:** Python, C++, TypeScript (React), HTML, CSS
- **Libraries/Frameworks:** NumPy, Pandas, TensorFlow, Keras, CNN, VGG19, Flask, Scikit-learn, Matplotlib
- **Database Systems:** SQL, Firebase, Supabase
- **Tools / Platforms:** VS Code, PyCharm, Jupyter Notebook, Tableau, Kaggle, Hugging Face, Git/GitHub

PROJECTS

AI Diabetic Retinopathy Detection System
15 Sep 2025 - 01 Nov, 2025

Key Skills: [Python, AI & Deep Learning (CNN, VGG16, TensorFlow/Keras), React (TypeScript), Flask, GitHub]

- Built a VGG16-based diabetic retinopathy classifier with 94% accuracy across 5 severity levels and real-time confidence scores.
- Developed a full-stack React (TypeScript) + Flask app for retinal image analysis, patient management, and results visualization.

AI Skin Disease Classification
30 Aug, 2025 - 18 Sep, 2025

Key Skills: [Python, AI and Deep Learning (VGG19, TensorFlow), React (TypeScript), Flask, GitHub]

- Built an AI skin disease classifier using VGG19, achieving 86.8% accuracy across 9 conditions with real-time confidence scores.
- Developed a full-stack React (TypeScript) + Flask app for secure, interactive medical analysis and visualization.
- Delivered a privacy-first solution, processing images locally and showcasing TensorFlow, Python, and modern web skills.

Fake Product Detection System
27 Jan, 2025 - 05 Mar, 2025

Key Skills: [Python, Machine Learning, Deep Learning, Flask, HTML, CSS]

- Built a machine learning-based web app to detect fake product reviews using NLP and Random Forest Classifier
- Integrated a Flask REST API with a React + Tailwind CSS frontend for real-time review analysis.
- Utilized Pandas, NumPy, Scikit-learn, and Joblib for data processing and model deployment.

EDUCATION

Parul University
July 2022 - June 2026
Computer Science and Engineering, B.Tech
Vadodara, Gujarat, India
CGPA : 7.11/10

National Infotech College
April 2021 - March 2022
Higher Secondary School
Birgunj,Nepal
Percentage: 75.50%

Holy Land English Secondary School
April 2019- March 2020
Degree in Secondary Education Examination (SEE), Grade 10
Ranighat, Birgunj,Nepal
Percentage: 83.75%

CERTIFICATIONS

- Introduction to Artificial Intelligence**: IBM SkillsBuild** — *07 Oct, 2025*
- Data Visualizations using Python and Tableau**: Parul University** — *12 Apr, 2024*
- SQL and Relational Databases**: Cognitive Class** — 30 Dec,2024
- Computer Network and Internet Protocol**: NPTEL** — Jan-Apr 2024
- PU Code Hackathon 2.0**: Hackathon** — 03 Jan, 2024