Parth Raninga

Artificial Intelligence & Machine Learning   **B.E.**

L.D College of Engineering, Ahmedabad   **Gender: Male**

DOB: 04-10-2005

Examination	University	Institute	Year	CPI / %
Graduation	GTU	LDCE	2027(Expected)	8.3(Current)
Intermediate/+2	GSEB	SanskarBharti Vidhyalaya	2023	84.15
Matriculation	GSEB	Gurukrupa Vidhyalaya	2021	95

Pursuing **Bachelors** in Artificial Intelligence & Machine Learning

KEY PROJECTS

Fin-Connect – Financial educator & AI Budget Assistant   *Spring 2025*

- Developed a cross-platform mobile application for Android and iOS using **Java**, with **Firebase** for authentication.
- Utilized CNN and LSTM to analyze spending behavior, forecast expenses, and personalized financial insights.

Gita Sangam – Place for Spirituality   *Winter 2024*

- Created a **web platform** providing in-browser IDE, interactive UI and authentication using **Django** and **Angular**.
- Implemented user directory separation, **multiple language support** and isolation using **Docker** for data protection.

Bharat Bond Sight – analysis for debt securities   *Autumn 2024*

- **AI Chatbot** for Risk & Reward Insights credit spreads, interest rate risk, or bond yield trends.
- Mathematical Analysis For every corporate and government bond, from secured-level clean price to modified duration

Agro Predict – Price Prediction for Essential Commodities   *Autumn 2025*

- Implemented a **CNN** and **LSTM** based model on **PyTorch** for predicting the price over certain period.
- Parses HTML tables using Beautiful Soup and converts them into Pandas Data Frames for real-time implementation.

ISIC 2024 – Skin Cancer Detection with 3D-TBP   *Summer 2024*

- Used ISIC 2024 dataset from Kaggle to differentiate benign from malignant cases.
- Implemented **Voting Classifier** with gradient boosting algorithms to achieve pAUC of **0.16109** .

POSITIONS OF RESPONSIBILITY

Team Member, *ZeroTrace – AI Security Startup, LDCE*   *February 2025-*

TECHNICAL SKILLS & COURSES

Programming Languages	C++, Python, Bash, Awk, VHDL, SQL, Git
Data Science	PyTorch, NumPy, MATLAB, Octave, Pandas, Matplotlib, SciPy, OpenCV
Development	Django, Angular, React, NodeJS, Javascript, Typescript, HTML5, CSS

Machine Learning Specialization from **Coursera** by **Stanford University**   Summer 2024