Chaudhari Shreyash Kiran

Indian Institute of Technology, Goa

Third Year **Undergraduate**, **Mathematics and Computing**
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Portfolio: **my-portfolio-chaudhari-shreyash-kiran.vercel.app**
GitHub: **github.com/Shreyash39**

Education

BTech, Mathematics and Computing, Indian Institute of Technology Goa	CGPA : **6.84/10**	2023 – Present
Class 12, HSC, Matoshri Junior College, Nashik	Aggregate: **78.8** %	2021 – 2023

Projects

My Portfolio Website **[Live Website]** **[GitHub]** (May 2025 – Present)

- Developed a responsive portfolio to showcase projects, READMEs, and live demos; improved discoverability by linking individual project repos.
- Implemented CI-friendly deployment on Vercel and organized project documentation for recruiters.
- Tools: HTML, CSS, JavaScript, Vercel, GitHub.

Used Car Price Prediction ML Model **[GitHub]** (June 2025)

- Trained Random Forest with GridSearch + 5-fold CV; final test metrics: MAE = 17,600, MAPE = 23.7%, R^2 = 0.10. Documented next steps (target transform, stacking) in README.
- Implemented feature engineering and missing-value strategies; trained XGBoost + Logistic Regression stacking; used 5-fold CV and log-loss tuning.
- Tools: Python, pandas, scikit-learn, joblib. Code + reproducible notebook included.

Spaceship Titanic Prediction – Kaggle Competition **[My Kaggle Profile]** **[GitHub Repo]** (June 2025)

- Implemented feature engineering missing-value strategies, trained XGBoost + Logistic stacking; used 5-fold CV and log-loss tuning.
- Public leaderboard accuracy: 72.3%; focused on reproducible pipeline and model explainability.
- Tools: Python, XGBoost, scikit-learn, matplotlib.

DSA Zip Puzzle Solver **[GitHub]** **[Live Demo]** **[LinkedIn Post]** (June 2025)

- Implemented DFS + backtracking solver for constrainted grid puzzle; state space exponential $\mathcal{O}(c^{n^2})$
- Added pruning (visited-state hashing) and heuristic ordering to cut practical runtime by 70% on testcases. Code + testcases included.
- Tools: C++, STL.

Skills

Programming Skills:	C, C++, Python
Core CS Fundamentals:	Object-Oriented Programming (OOP), Operating Systems (OS), DBMS, Computer Networks (CN)
Frameworks & Libraries:	Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn,XGBoost.
Developer Tools:	GitHub, Vercel, VS Code, Linux, LaTeX, Jupyter Notebook
Concepts:	Data Structures & Algorithms,Regression & Classification, Cross-validation, Hyperparameter Tuning

Positions of Responsibility

GDSC Club Core Member	Core Member Of Google Developer Student Club at IIT Goa	(2024 – 2025)
Alpha Core Member (Finance Club Of IIT Goa)	Core Member of Finance Club, .	(2025 – 2026)

Achievements

- Codeforces | specialist[Rating:1400+] (active competitor ;27+ contest since March 2025) **[Codeforces]** (2025-present)
- Public leaderboard participant (Spaceship Titanic — 72.3% accuracy). (June 2025)
- JEE Advanced- AIR 5207 | JEE Main- 99.21%ile (2022-2023)
- LeetCode | Rating -1632 | Badges | 100 Days Badge, 50 Days Badge,June Badge **[Leetcode]** (2025-present)

Extracurriculars & Hobbies

- Basketball Player , Represented IIT Goa at Inter IIT Sports meet 2024-25 at IIT Kanpur
- Personal projects: portfolio & GitHub — active repositories with READMEs and reproducible notebooks.