Chloy Costa

+919764209949 | Chloycostac@gmail.com | github.com/Chloy02 | www.linkedin.com/in/chloycosta

EDUCATION

CHRIST (Deemed to be University) — Bangalore, Karnataka
Master of Computer Applications, — *June 2023 – Present*

Parvatibai Chowgule College of Arts and Science — Margao, Goa
Bachelor of Science in Physics, 78.27% — *September 2021 – May 2024*

PROJECTS

Spotify-Clone | *MongoDB,Express.js,React.js,Node.js* — Source Code
- Developed a responsive Spotify Clone using the MERN stack (MongoDB, Express.js, React.js, Node.js).
- Provided an elaborate admin panel to add songs, playlists and manage admin privileges.
- Integrated MongoDB and Cloudinary for real-time database, and cloud storage solutions.

Music Artist Website | *HTML, CSS, JavaScript* — Live Site
- Developed a responsive website for a music artist, featuring sections for merchandise, upcoming shows, and contact information.
- Implemented interactive elements and a newsletter signup to enhance user engagement.
- Deployed the website using GitHub Pages, ensuring accessibility and performance optimization.

CURRENT WORKS

A Review on Exoplanet Detection by Machine Learning and Deep Learning Techniques | *Astrophysics, ML, Data A*
- Authored an in-depth review paper exploring the use of machine learning (ML) and deep learning (DL) models to analyze light curve data from TESS and Kepler missions.
- Reviewed state-of-the-art ML/DL techniques, including LSTM networks and WaveCeptionNet, for addressing challenges like noise reduction and scalability in exoplanet detection.
- Currently under review for potential publication or intended for submission to a journal/conference.

LEADERSHIPS

Selected as a member of *Advitiya Netrutva*, a prestigious leadership program at Parvatibai Chowgule College of Arts and Science. Successfully organized state-level events, including *Tatastu*, and led the *Battle of Bands* event to completion with excellent team coordination and planning.

Served as the President of the Physics Club at *Parvatibai Chowgule College of Arts and Science.* Led and organized several key events, including overnight sky observations, *Singularity* (Physics Day), and workshops to foster student engagement with physics outside the classroom.

TECHNICAL SKILLS

Programming Languages: Python, Java,R,JavaScript, C, SQL
Web Technologies: HTML5, CSS3
Frameworks & Libraries: React, Express.js, Tailwind CSS
Developer Tools: Git, NPM, VS Code, IntelliJ
Database & Cloud: MongoDB, MySQL
Data Science: Pandas, NumPy, Matplotlib.