

Amrutha Paalathara

Data Science Practitioner

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Objective

An aspiring data science student with a curious mindset and eagerness to learn. Constantly on the lookout for exciting opportunities to utilize the skills obtained through projects and collaborations.

Internship

Company: iDatalytics

Data Science Intern

Infopark, Kochi

May 2023 – Aug 2023

- Gained hands-on experience in Python for data science.
- Worked on data cleaning, modeling, and representation techniques.
- Explored Artificial Intelligence, Machine Learning, and Deep Learning concepts.
- Used data visualization tools like Power BI.

Projects

- **BuildR - Project Management Tool** Used Django web development framework to create an end-to-end application that enhances individual productivity and predict task completion dates. Implemented data science concepts for creating interactive user specific dashboards and to develop a team morale detection system. Collaborated in planning the database for the application, and setup user authentication system with role based access control throughout the web app. **Documentation**
- **Lost and Found Project** Used Django Web development framework to create an app aimed at helping CHRIST University students report and retrieve lost items through a website. Allowed users to upload photos and details of found items to assist in recovery. **Documentation**
- **Analysis of Electronic Waste Recycling** Performed a Power BI analysis on the global impact of COVID-19 on electronic waste recycling. Providing key insights for SDG 12. Carried out data wrangling tasks for the same in PowerQuery. Highlighted disruptions in recycling operations, especially in developing countries, due to limited infrastructure. **Documentation**
- **Skinalyze** A Hackathon winning project that was a one stop solution for Indian skin. Used deep learning to identify skin undertones to recommend fashion choices and also detect skin diseases with suggested actions. Interfaced with a Django web app. **Documentation**

Education

Master of Science in Data Science

2023 – Present

CHRIST (Deemed to be University), Lavasa, Pune

Bachelor of Science in Mathematics

2020 – 2023

Assumption (Autonomous) College, Changanassery

Technical Skills

Proficient: Python, Django Web Development, Power BI, MySQL, MS Excel, MS PowerPoint, MS Word,

Familiar in: Google Analytics, R Programming, Java, Bootstrap CSS, HTML

Soft Skills

Listening, Communication, Collaboration

Languages

Malayalam, English, Hindi, Tamil

Activities and Achievements

- First place, 2024-2025 Hackverse Hackathon , CHRIST University, Lavasa creating an innnovating project called Skinalyze.
- Developed promotional materials for NSS events, increasing student attendance by 60%.
- Led mathematics department placement activities, coordinating efforts for over 50 students.
- Facilitated partnerships with five companies for better job placements.
- Participated in the CHRIST University Lavasa Hackathon 2023-2024, collaborating on innovative solutions.