GANESH CHIRKHARE

7028440271 **|** ganeshc.work@gmail.com **|** LinkedIn **|** Cloud Skills

INTERNSHIP EXPERIENCE

Maharashtra Remote Sensing Application Centre (MRSAC)
Research Intern
Worked on multispectral satellite image feature extraction and analysis using earth observatory data.

Indian Space Research Organization (ISRO- NRSC)
Project Intern
Responsible for designing an interface for representation of average earth surface temperature.

Reliance JIO
Project Intern
Contributed in exploring data obtained from SMB for requirement of internet and smart devices in client relations.

COJAG Smart Technology Pvt Ltd
Project Intern
Designed automated system for a closed environment ordering network.

SKILLS

Technical
- Languages: C, Python, OOP
- Web Dev: HTML, CSS, JS
- Database: SQL
- Familiar with: Data structures, Google Sheets, MS Office.
- Framework: Streamlit, Keras
- OS: MacOS, Linux

Soft Skills
- Leadership
- Team player
- Efficient Time management
- Enthusiast Learner
- Self-Motivating

ACHIEVEMENTS
- Google Cloud Ready Facilitator 2021-22
- Google **Foobar** Contestant
- IIT Bombay ISRO MAPATHON noticeable participant.
- **Bronze Medalist** -International Olympiad of Science
- Earned 3rd place in Technodroid 2019

EDUCATION

Shri Ramdeobaba College of Engineering and Management
M.Tech in Computer Science & Engineering
CGPA: **9.0**

G. H. Raisoni Institute of Engineering and Technology
B.E in Computer Science & Engineering
CGPA: **8.23**

PROJECTS

Prediction of Regional Vegetation Cover using Spatial image Features and Semantic Segmentation.
- Built an UI for representing regional vegetation through predictions on multispectral satellite image. Trained image segmentation model for employing semantic segmentation of satellite imagery based on various classes. Reduced complex image labelling task up to 40%.

Automated Extraction of Image Features from Geospatial Imagery in form of Grids and Identification of Images using its Corresponding Grid-id.
- Worked with digital image extraction and image searching mechanism. Reduced image clipping and storing time up to 70% by scripting spatial modeler and building an efficient searching mechanism.

Representation of average earth surface temperature.
- Responsible for designing a map interface for representation of average earth surface temperature for India by applying statistical adaptation to transitioning time series data.

Fully Skilled Restaurant Automation
- Designed automated system for the restaurant following a QR- code based closed environment ordering network. Integrated IOT devices to reduce manual workload from the employees where 100s of customers can seamlessly order by scanning the QR-code within restaurants local network.

RESEARCH

Prediction of Regional Vegetation Cover using Spatial image Features and Semantic Segmentation. Scopus

EXTRA CURRICULAR
- Served as **Head** of HORIZON 19 - 20 (Technical Club)
- Google Developers Group Nagpur active **member.**
- **Campus Ambassador** at AXIS (2018-21) VNIT Nagpur.
- **Campus Ambassador** E-Cell VNIT (2019-20).
- Event Coordinator at Innerplanet