# SWAMINI BHAGWAT

Computer Science Undergrad ' 25

## My Contact

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in LinkedIn

Github

## Hard Skill

- JAVA
- Python
- Data Structures
- Object Oriented Programming
- OS
- DBMS
- Basics of ML
- HTML, CSS, Javascript
- React JS (Web)

## Soft Skill

- Leadership
- Decision making
- Team Spirit
- Multi-tasking

## Languages

English, Hindi, Marathi

## Education Background

- MKSSS Cummins College of Engineering
  *B Tech Computer Engineering*
  2021-2025 | Third Year | Present CGPA : 8.6

- Ashok Vidyalay and Junior College
  *12th (HSC) - 93 %*
  2019-2021

- Vision English Medium School
  *10th (SSC) - 95.2 %*
  Completed in 2019

## INTERNSHIP

### BARCLAYS
AWS Cloudwatch logs and Kibana (for Data Visualization)

### USABILITY DESIGNS
Intern at Usability Designs specializing in web development, mobile app development, and UI/UX design. Worked upon website translation in Spanish language and full stack web development .

## Projects

### GROUND STATION SOFTWARE FOR CANSAT (Can sized satellite)-PYTHON
Software to give commands and monitor xbee radio(with XCTU software) to start telemetry in a satellite. Receiving live data like temperature, voltage, altitude, gnss data, gyro on ground station with the help of sensors and plot its live graph and locate satellite's live coordinates on map over a distance of 800m through antenna.

### Carbon Footprint Analyzer - Java
Basic Model for calculating carbon footprint based on various parameters. Also provides some solutions to reduce carbon footprint based on the range of carbon footprint value.

### Customer Segmentation — Python, ML
Hierarchical Clustering in ML
For targeting customer specific ads.

## Achievements

- Among top 5 teams out of 80 of the CANSAT'24 Competition held by InSpace and ISRO.
- 3rd Prize Buffer 4.0 Data Structures and Algorithm Competition (Implemented Carbon Footprint Analyzer in java).
- 3 week QSTP workshop by BITS, focusing on link budget calculations and antenna system simulation. Utilized simulation tools to model and evaluate antennas for diverse satellite communication scenarios.

## OTHER RESPONSIBILITY

- Technical member of Communication subsystem of Team Vinidra (Satellite team of CCOEW)
- Assistant Treasurer - Student Panel CCOEW (Handling budget for technical and cultural fest)
- Coordinated cultural event during NAAC committee Visit