

Ruchika Panigrahi

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EDUCATION

Pillai College of Engineering, Navi Mumbai— *BEIT*
CGPA- 7.63

AUGUST 2017 - JUNE 2022

Vidya Niketan Junior College, Mumbai— *HSC*
PERCENTAGE- 60%.

JUNE 2016 - MARCH 2017

Holy Cross High School, Mumbai— *SSC*
PERCENTAGE- 86.20%.

JUNE 2014 - MARCH 2015

SKILLS

Programming	Python, JavaScript, PHP, Java, C++
Web and Database	HTML, CSS, MySQL, MongoDB, Node
Frameworks	Bootstrap, ReactJS
Tech	Git, Docker, Linux, AWS, Jenkins, Ansible
Language	English, Hindi

PROJECTS

1. NLP based Plagiarism Detection System (Final year project)

- > Led a team of 3, organized meetings, designated tasks, helped teammates debug, etc.
- > Implemented **TruncatedSVD** from **sklearn**, a part of latent semantic analysis to find plagiarism.
- > Created Loop on Database vectors stored and applied cosine similarity.
- > Used: Python, Flask, MySQL, spaCy NER library, Jupyter Notebook, Spyder

2. Foreign Language learning Website (Full-Stack)

- > Implemented the entire login system to allow **CRUD** operations on the user list and user validation
- > Created a fully responsive home page and embedded videos and worksheets on the language courses.
- > Designed the overall website concept, layout and deployed on webhost000.
- > Used: HTML, CSS, Bootstrap, PHP, JS.

3. Web Based Smart Attendance System (IoT project)

- > Implemented the connection of the circuit and made it possible to control the multiple RFID cards and tags inputs with a web interface.
- > Implemented the entire login system to allow **CRUD** operations on the student list and user validation
- > Created a system which stores the logs of every student.
- > Used: HTML, CSS, JS, PHP, MySQL, RFID CARDS, NODEMCU

EXTRACURRICULAR ACTIVITIES

Part of the technical team of Navi Mumbai's biggest college fest: Alegria in 2021.
Built Alegria's website and organized technical workshops.