

# ATHARVA PINGALE

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## EDUCATION

International Institute of Information Technology, Pune

BE. Computer Engineering ( Third year )

SGPA: 9.71/10

2020-Present

Expected 2024

## PROJECTS

[Dwight](#) [ *Reactjs, Redux/Redux-toolkit, Django, Postgresql, Django REST framework, Redis, framer-motion* ]

- Dwight is full-stack productivity, prioritization, and time-management framework designed to help you prioritize a list of tasks or agenda items by first categorizing those items according to their urgency and importance.
- This will allow you to categorize your to-do items into one of four possible descriptions: 1.Urgent and Important 2.Important, but not Urgent 3.Not Important, but Urgent 4.Neither Important nor Urgent

[Water Pipe crack Detection](#) [ *Python, Machine Learning ( Classification ), VSWR device* ]

- Worked on a Research project at I2IT, Pune on early water pip crack detection system. Collected 2000 records with VSWR device on a pipe framework built with PVC and Galvanised Iron.
- Using the fluctuations in VSWR readings on cracked pipe based on severity collected readings, applied 12 classification algorithms with focus on **Hyperparameter-tuning** and **Cross-validation** and received an **accuracy of 89%**.

[Django-eFilehub](#) [ *Reactjs, Django, Django REST framework, mySQL, shutil* ]

- Django-eFileHub is a full-stack application that allows you to create a zip file or simply upload a document and share it via gmail or via a uniquely generated link or can even save to drive.
- Explored compressing and decompressing zip files using shutil library

[Statistisize](#) [ *Reactjs, Expressjs, Nodejs, MongoDB, React-testing-library, Framer-motion* ]

- Developed a dashboard that computes statistical data like mean, median, standard deviation, mode from JSON file selected from dataset and recomputes all data when user adds another number in the dataset.

[Pinteresting](#) [ *Reactjs, Redux/Redux-toolkit, fastAPI, Firebase, OAuth, MongoDB* ]

- Pinteresting is a full-stack clone of 'Pinterest'. This application registers-logs in users, fetches images from API.
- Notable features are - Bookmarking, session storage, caching, Authorization and authentication, image compression, favourite list sharing to other users, search.

## TECHICAL SKILLS

- **Languages** : Javascript, ES6, Reactjs, Nodejs, Python, C++
- **Frameworks** ; React, Django, Django REST Framework
- **Databases** : Firebase, MongoDB, mySQL, Postgresql
- **Utilities** : HTML/CSS/tailwindCSS, Framer-motion, React-Testing-Library, JEST, Git and Github, Postman, shutil

## ACHIEVEMENTS

- 2 star at [Codechef](#)
- 5 star in C++, Python on [Hackerrank](#)
- Mentored the project - [Meme Generator](#) for Kharagpur Winter of Code ( KWoC 2021 )
- Completed Google's 30 days of Cloud Programme ( both tracks )

## CLUBS AND VOLUNTEERING

- GDSC I2IT Co-Lead Jun'22-Present
- CESA I2IT Technical Head Oct'22 - Present
- ACM I2IT Web Development Member Jun'22-Present