

SHRAVAN GADHVI

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Education

Shah and Anchor Kutchhi College Of Engineering

B.Tech in Information Technology

Dec. 2021 – May 2025

CGPA-8.65

Mithibai College, Mumbai

Higher Secondary Certificate (HSC) Examination

Jun. 2019 – May 2021

84.6%

Experience

SAKEC – ACM Student Chapter

Web Developer Intern

2nd Runner-Up of ACM Wintership, 2023

Mumbai, Maharashtra

- Developed a fully functional “**Student Information System**” which consist a separate dashboard for student and teacher also with Payment Gateway integrated.
- Actively contributed as a team member, collaborating with colleagues.
- This project has been copyrighted under the Copyright Office in New Delhi. ROC No.: SW-20002/2025 Diary No.: 23335/2024-CO/SW

Projects

CropSense | Python Flask, CNN

Dec 2023 – Apr 2024

- Spearheaded the design and implementation of web application in a 4-person team using Python Flask.
- Enabled users to accurately predict the Plant Leaf Disease Detection from images, classifying it into 3 – Healthy, Powdery, and Rusty, achieving an impressive 92 percent accuracy rate.

Krishi Sadan: Turning Tools into Income | MERN

3rd Runner-up of Major Project Competition

- Engineered a digital platform enabling farmers to book, rent, and sell agricultural equipment, Key features include individual profiles, multilingual support, payment gateway integration, chatbot assistance, and cart functionalities, improving transaction efficiency by 25%.
- The project aims to alleviate farmers’ financial burden by providing affordable access to essential machinery, benefiting over 500 farmers and reducing equipment costs by 70%. It generates additional income for equipment owners, with an estimated 20% increase in their revenue.

Interactive Power BI Dashboard | Power BI Tool

- Developed a dynamic Power BI dashboard using sample organizational data to analyze employee productivity, working hours, and daily activity trends.
- Designed visualizations including bar charts, line graphs, slicers, and cards to enable quick and intuitive data exploration.

Technical Skills

Languages: Python, HTML, CSS3, JavaScript, PHP.

Libraries, Frameworks Databases: ReactJs, Django, Flask, MongoDB, SQL.

Data Tools: Power BI, Google Sheets, Microsoft Excel, PowerPoint.

Interests: Machine Learning, Deep Learning, Software Development, Software Testing like testing tools (e.g. Selenium, Jira), QT, IDE.

AWS: EC2, S3, IAM, VPC, CloudFront, CloudWatch

Publications

FarmTech: Enhancing Agricultural Equipment Utilization with Machine Learning-Based Price Prediction

Springer

- * Our research paper titled ”FarmTech: Enhancing Agricultural Equipment Utilization with Machine Learning-Based Price Prediction” has been accepted at the 10th International Conference on ICT for Sustainable Development (ICT4SD 2025), Goa, India, and will be published in Springer’s LNNS series.

Leadership / Extracurricular

Google Developer Student Club

Public Relationship Head

July 2023 – June 2024

(GDSC)

Nation Service Scheme

Facilitator

May 2022 – May 2024

NSS