

SHREYAS KALE

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Education

V.E.S. Institute of Technology Chembur, Mumbai	December 2021 – Present
<ul style="list-style-type: none">• B.E. Electronics and Telecommunication Engineering• CGPA: 8.21/10.0	
New English School & Jr. College Thane	June 2019 - June 2021
<ul style="list-style-type: none">• Junior College• HSC Percentage: 91.5%	

Experience

Antenna Design Intern	June 2024
Shah & Anchor Kutchhi Engineering College Mumbai	
<ul style="list-style-type: none">• Designed more than 10 antennas from online research papers using Ansys HFSS software.• Practically implemented and tested MIMO antenna using Vector Network Analyzer (VNA).	

Projects

Docker Deployment on AWS EC2 Instance	Github
<ul style="list-style-type: none">• Deployed a Node.js Website on AWS EC2 with Docker. Containerized a web application and set it up on an AWS EC2 instance.• Set up and configured AWS EC2 instances for deploying a Dockerized web application.• Gained hands-on experience with Docker and AWS, focusing on deployment and containerization.	
Peek Rakshak (Ongoing)	
<ul style="list-style-type: none">• Developing a system utilizing Raspberry Pi and PiCamera to detect animal movement, capture images for animal recognition, and alert farmers, while also incorporating AI-driven crop recommendations, soil analysis, and personalized fertilizer advice to enhance yield and optimize farming practices.• Implemented image-based plant disease identification and created an easy-to-use web platform for seamless access to all system features, supporting sustainable farming and effective crop management.	
Diabetes Prediction using SVM	Github
<ul style="list-style-type: none">• Developed a machine learning model using Python and a Support Vector Machine (SVM) classifier to predict diabetes risk.• Achieved a training accuracy of 78.66% and testing accuracy of 77.27%.	

Certifications

- AWS Cloud Technical Essentials
- Cisco Networking Basics
- Advanced RF & Electromagnetic Design Internship: A Journey with Ansys HFSS & VNA

Leadership

President, ISA-VESIT	A. Y. 2024 - 2025
Operations Officer, ISA-VESIT	A. Y. 2023 - 2024

Technical Skills

Programming Languages: Python, Java Script, C++.

Cloud & DevOps: AWS (EC2, S3), Docker, Terraform.

Databases: MySQL.