VRUSHABH DEEPAK SHIRKE
B.E. - Computer Engineering
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BRIEF SUMMARY

Final-year Computer Engineering student with hands-on experience in React.js, JavaScript, and responsive UI design. Eager to contribute to dynamic teams and build impactful web interfaces.

KEY EXPERTISE

Frontend: React.js, Tailwind CSS, JavaScript, HTML, CSS, Bootstrap   Backend: Node.js, Express.js, Supabase, MongoDB

Tools: Git, GitHub, Docker, Streamlit, MySQL, PostgresSQL   Other: REST APIs, UI/UX, Agile, API Integration, Netlify, Vercel

EDUCATION

SIES Graduate School of Technology   2022 - 2026
B.E. - Computer Engineering | CGPA: **9.32** / **10**

K.E.T.'s V. G. VAZE COLLEGE OF ARTS, SCIENCE AND COMMERECE, Mumbai   2022
12th | MSBSHSE | Percentage: **63.33** / **100**

OXFORD ENGLISH HIGH SCHOOL, Thane   2020
10th | MSBSHSE | Percentage: **92** / **100**

INTERNSHIPS

S.I.E.S Graduate School of Technology   01 May, 2024 - 31 May, 2025
Web Development Intern
Completed a 1-year internship at SIESGST, contributing to College ERP Feedback Module development under Prof. Rasika Malgi.

WealthEra FinTech Pvt Limited | Banking / Financial Services / Investment   15 Jan, 2025 - 15 Apr, 2025
App Developer Intern
Key Skills:

Gradle   API Integration   Agile Development   Version Control   Node.js   UX Design   API Testing   React Native

Developed and deployed an Android app from scratch with complete frontend design, API integration, and APK build management for WealthEra FinTech Pvt Limited.

PROJECTS

MORCER
Mentor: Prof. Jyoti Chavan | **Team Size:** 4

Key Skills: C Programming   Arduino UNO

Project Link: https://github.com/Naresh2308/MORCER-ENDEC

The MORCER project integrates Morse code and Caesar Cipher for secure communication using LED signals and photoresistors, demonstrating cryptography and embedded systems.

Home Energy Monitoring System
Mentor: Prof. Urvashi Patkar | **Team Size:** 4

Key Skills: C Programming   Python   Arduino   MySQL   PHP

Project Link: https://github.com/Naresh2308/HEMS_SEM4

The HEMS project tracks real-time energy consumption using Arduino and integrates Python, PHP, and MySQL to optimize energy usage in residential and commercial spaces.

Student Feedback System
Mentor: Prof. Rasika Malgi | **Team Size:** 4

Key Skills: HTML   CSS   Bootstrap   Javascript   React.js   Supabase   SQL   Node.js   Express.js

Project Link: https://siesgstfeedback.netlify.app/

This project is a web application built with React.js and Supabase for collecting and managing student feedback on faculty and courses, promoting transparency and institutional improvement.

Facial Expression Detection

Team Size: 3

Key Skills: CNN | Python | TensorFlow | Keras | Neural Networks | Model Building | Hyperparameter Tuning

Project Link: https://github.com/Naresh2308/Facial_Expression_Detection

The Emotion Detection System uses CNNs with TensorFlow and Keras for accurate emotion classification from facial expressions.

AI Security System

Mentor: Prof. Arathi Boyanapalli | **Team Size:** 4

Key Skills: DBMS (SQL) | ANPR | OpenCV | CNN | OCR | Streamlit

Project Link: https://github.com/Naresh2308/AI_security_system

Developed an AI-based security system with real-time facial and number plate recognition, visitor/vehicle registration, admin dashboard, and alert system. Integrated OpenCV and deep learning, with camera support for local/cloud use.

ASSESSMENTS / CERTIFICATIONS

Cloud Computing (SDP)

Key Skills: AWS | Cloud Services | Kali Linux

Completed a Cloud Computing course at SIES GST, gaining hands-on experience with AWS (EC2, S3, IAM) and Linux fundamentals.

ENIGMA-3.0 WebVerse Hackathon

Key Skills: Web Development | Data Security | Machine Learning | Team Leadership

Secured 1st Runner-Up position in a web development competition focused on data privacy, where we a team of 4 designed and developed a secure, privacy-centric web application, utilizing advanced web technologies and best practices in cybersecurity.

Deep Learning

Key Skills: AIML | Deep Learning | Face Recognition | Artificial Neural Networks

Completed a Deep Learning course and in-house internship at SIES GST and built a Facial Expression model using CNN as part of the project

POSITIONS OF RESPONSIBILITY

Management and Outreach Coordinator, Google Developer Student Club, SIES GST
Led GDSC events at SIESGST (AY 2023-2024), organizing sessions and boosting student engagement.

Treasurer, Team Promethean
Managed finances, budgeting, and expense tracking for all events and operations of Team Promethean, ensuring transparent and efficient fund utilization throughout the tenure (AY 2024-2025)

WEB LINKS

- Github - https://github.com/Vrushabh-003