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[Portfolio](#) | [GitHub](#) | [LinkedIn](#)

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# Sejal Bhole

WEB | MERN | JAVA | ENGINEERING STUDENT

## EXPERIENCE

### TechnoHacks Solutions Pvt. Ltd, Nashik

#### Full Stack Web Developer Intern

January 2025- February 2025

Built **RESTful APIs** using Node.js and Express.js.

Managed **MongoDB** database.

Used Git and GitHub for version control

### IMD (Indian Meteorological Department), Pune

#### Research and Machine Learning Intern

July 2024-December 2024

Studied and analyzed various machine learning algorithms, including **Linear Regression, K-Means, CNN, Decision Trees** to understand their applications in meteorological data.

Assisting in report preparation and documentation.

### Sumago Infotech Pvt. Ltd, Nashik

#### Web Developer Intern

July-August 2022

Gained hands-on experience in **HTML, CSS, JavaScript, PHP, and jQuery**, while also exploring Python programming. Contributed to a Tourism website project applying my newly acquired skills.

## EDUCATION

### Bharati Vidyapeeth's College of Engineering, Lavale, Pune— Bachelor of Technology in Computer Engineering

Savitribai Phule Pune University

September 2023 - June 2026

**CGPA: 9.05**

Honors in Data Science 2024- 2026 | Pune, India

### Government Polytechnic, Jalgaon —Diploma in Computer Engineering

December 2020 - July 2023

**Percentage: 86.06%**

## SKILLS

**Programming Languages:** Java, Python, JavaScript.

**Databases:** MySQL, MongoDB

**Frameworks:** Bootstrap, Express.js

**Web Design:** HTML, CSS, React, Nodejs

**Additional Skills:** Problem Solving, GitHub, Database Management, Operating System., Leadership, Communication.

## ACHIEVEMENTS

- Ranked **2nd Topper** in BE 2nd Year (1<sup>st</sup> sem) and **1st Topper** in BE 2nd Year (2<sup>nd</sup> sem)
- Sunshine Award for Excellence in Web Development (August 2022)

## PROJECTS

### Hackathon Participation

#### Website for Mentorship, SLIET Students – 2024

Developed a responsive mentorship platform for SLIET using **HTML, CSS, and JavaScript**, enabling students to book one-on-one sessions with faculty mentors.

### User Authentication System

Developed a authentication system using **React.js, Node.js, Express.js, and MongoDB**, incorporating user registration, login, OTP-based email verification, and password reset functionalities.

Implemented **JWT** authentication, secure password hashing, and email communication via **Nodemailer**. Developed RESTful APIs with Express.js and managed user data efficiently using MongoDB and Mongoose.

### Sign Language Recognition System

Used **CNN** with **TensorFlow/Keras** to classify hand gestures from images. Utilized **OpenCV** for real-time webcam input, and performed preprocessing and visualization using **NumPy, Matplotlib, and Pandas**.

### Portfolio Website

This is a web application designed to showcase my personal development, technical skills and project accomplishments in a clean and professional layout. Built using **React** for a dynamic and responsive user interface, the platform highlights both frontend and backend expertise. Tech Used: HTML, CSS, JavaScript, React.

## EXTRA CURRICULAR:

- Participated in SMART INDIA HACKATHON 2023, 2024
- Completed NPTEL Data Structures and Algorithms Course
- Completed NPTEL Theory of Computation Course
- Attended a five-day workshop on **"Implementation of Deep using Python"**.
- BVCOEL – Anchoring Head
- GPJ | ACES – Cultural Secretary
- Organized technical & Cultural events including SHIELD 6.0 (State Level Technical Event)

## RESEARCH PAPER

### "Cracking the Sign Code: Boosting Accuracy with CNN-LSTM Fusion"

Presented at ICRAES-2K25, Bharati Vidyapeeth COE, Pune, Apr 2025