# TEJAS BADHE

+91 7719063683 | tbadhe75@gmail.com | Pune, Maharashtra | LinkedIn | GitHub | Portfolio Website | HuggingFace

## Summary

Software Developer skilled in full-stack development (Flask, React, Flutter, HTML, CSS, JavaScript) and machine learning (Python, TensorFlow). Experienced in building smart, user-friendly apps with strong backend and database support. Skilled in developing and deploying machine learning models. Passionate about solving real-world problems through tech.

## Skills

Python, Dart, JavaScript, HTML, C#, CSS, Flask, React, Flutter, TensorFlow, Scikit-learn, PostgreSQL, MySQL, Git, AWS, Render, REST APIs, Data Analysis, Pandas, NumPy, Matplotlib, Machine Learning, Model Deployment, Image Classification.

## Experience

**Software Developer | Sci-com Software India Pvt Ltd | Pune, Maharashtra**          **01/2025 - Current**

- Developed an Android app (Java, YAML) for audio signal processing and audiogram generation, using MySQL/SQLite for local data storage.
- Developed and deployed a Smart Parking system with a TensorFlow AI model, integrated into a Flutter app to deliver a seamless mobile experience

**Software Developer | ANYU Biomedical LLP | Pune, Maharashtra**          **10/2023 - 07/2024**

- Built responsive UI (HTML/CSS) with Python/Flask APIs and SQL database management for efficient data storage/retrieval.
- Developed an ECG classification system: processed ECG signals, generated labeled images using matplotlib and cv2, and trained a TensorFlow-based image classification model to detect arrhythmias.
- Utilized Python, TensorFlow, Pandas, and Scikit-learn for data processing, model training, and evaluation.

**Software Engineer | Sci-com Software India Pvt Ltd | Pune, Maharashtra**          **05/2023 - 09/2023**

- Conducted data analysis using various ML models. Developed ML platforms with Python/TensorFlow for data prep, prototypes, and model deployment.
- Built a smart intrusion detection system using time-series data to classify events such as climbing, cutting, digging, jumping over, and tool impact.
- Designed custom datasets and visualized patterns using matplotlib; developed and trained models with TensorFlow, Python, Pandas, and NumPy.

## Projects

**Personal Portfolio Website - GitHub / Live Demo**

- Responsive portfolio built with React, HTML, and CSS to showcase skills and projects.
- Includes a custom **admin dashboard** to update website content dynamically.
- **Deployed on Render** with automated **CI/CD using GitHub Actions**.

**GoldSaarthi (Gold Shop Management Application) -**

- Full-stack web app (Flask, PostgreSQL, HTML/CSS/JS) built to streamline gold shop operations including inventory, sales, and customer verification.
- Implements role-based dashboards with secure document uploads (Aadhaar/PAN) and automated invoicing.
- Deployed on Render with a responsive, cross-device compatible UI for seamless access.

**Handwritten Digit Recognizer - GitHub**

- ML model using Python, NumPy, and TensorFlow to recognize digits from the MNIST dataset.
- Implemented and explained step-by-step in a Jupyter notebook.

## Education

**Savitribai Phule Pune University | B.E. - Computer Engineering | CGPA - 8.7**        **2019-2022**
**Government Polytechnic Awsari(Kh.) | Diploma - Computer Engineering | Percentage - 67**        **2017-2019**

## Certification

**Foundational C# with Microsoft | [Certificate](#) | Issued By - freeCodeCamp**        **01/2025**
**Data Analysis with Python | [Certificate](#) | Issued By - freeCodeCamp**        **08/2023**
**GitHub Tutorial for Beginners | [Certificate](#) | Issued By - Great Learning Academy**        **04/2023**