

Tanmay Tawade

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Education

Degree	Institute	Score	Year
B.E. E&TC	M.E.S. Wadia College of Engineering, Pune	7.44	2022–2026
Senior Secondary (12th)	Smt. Kalawati Badhe Jr. College, Pune	86.50%	2021
Secondary (10th)	N.M.V. High School, Pune	84.60%	2019

Experience

TechOctanet Services Pvt. Ltd.

Feb 2025 – Mar 2025

Web Development Intern

- Developed responsive web pages using HTML, CSS, and Bootstrap, ensuring consistent user experience across desktop and mobile devices.
- Built a Task Management web application using JavaScript with complete CRUD functionality and dynamic DOM manipulation.
- Utilized Git and GitHub for version control, source code management, and collaborative development workflows.

Skills

- Languages:** Java, C, Python, SQL
- Frontend:** HTML, CSS, Bootstrap, JavaScript, React
- Backend:** Node.js, Express.js
- Database:** MySQL, JDBC
- Developer Tools:** Git, GitHub, VS Code, Eclipse IDE, Streamlit, Render
- Core Concepts:** Data Structures & Algorithms, Object-Oriented Programming, Exception Handling

Projects

Brain Tumor Detection using Explainable AI 🧠 *Python / TensorFlow / OpenCV / Scikit-learn / Streamlit*

- Developed a CNN-based deep learning model for brain tumor classification from MRI images, achieving approximately 91% accuracy through image preprocessing, data augmentation, and transfer learning.
- Integrated Grad-CAM to provide visual explanations for model predictions and deployed the solution as an interactive Streamlit web application.

EZStay – Full-Stack Accommodation Booking Platform 🏠 *React / Node.js / Express.js / MySQL / Bootstrap*

- Built a full-stack accommodation booking platform featuring JWT authentication, role-based access control, property listings, search, filtering, and booking management.
- Developed RESTful APIs using Express.js, integrated MySQL, implemented complete admin CRUD functionality, and deployed the application on Render.

Desktop ATM Banking System

🖥️ *Java / Swing / JDBC / MySQL*

- Developed a desktop ATM banking application using Java Swing with secure PIN-based authentication and JDBC connectivity to a MySQL database.
- Implemented core banking operations including deposit, withdrawal, balance inquiry, fund transfer, and transaction history using object-oriented programming principles.

Training & Certifications

Fundamentals of Deep Learning

Jan 2026

NVIDIA Deep Learning Institute

AWS Cloud Quest: Cloud Practitioner

Aug 2025

Amazon Web Services (AWS)

Introduction to MongoDB

Jun 2025

MongoDB University

Web Development

Feb 2025

Internshala Training