

PRATHMESH GAWALI

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EDUCATION

Pune Vidyarti Griha's College of Engineering , Pune *2021 - 2025*
Bachelor of Engineering

EXPERIENCE

Co-Founder, Tensorbuilds *November 2024- Current*
Tensorbuilds is an AI based startup where we provide SAAS based products

Web Development Intern, AHEN.co *November 2023- February 2023*
A web development internship with React.js

Data Science Intern, CodeClause. *August 2023- September 2024*

PROJECTS

Bulkbites - AI Fitness App , (In Development)
Under Tensorbuilds developing an AI-driven app for food recognition, nutrient tracking, recipe suggestions, and pose correction.

SynapseIQ - Multimodal RAG Learning Assistant, (In Development)
Built a web-based learning assistant using Streamlit and RAG to generate summaries, flashcards, quizzes, and mind maps, enhancing learning through multimodal content and AI-driven interactivity.

Chatmate - An AI based helping assistant,
Works as a browser extension which helps understand a webpage and gain more insights on it

Credit Card Fraud detection,
Using ML models to detect fraud transactions

Movie Recommendation system,
ML based project which recommend movies based on user preference

Stock Price Prediction,
Based on previously dated prices analyses and gives a comparative result of future stock price accuracy through various different ML Models

Motion Detection based Alarm System ,
Using OpenCV ,imutils to create a simple motion alarm system

Drowsiness Detection ,
Using Open CV , Dlib, Pygame library for eye detection based Drowsiness Detection

Meme Generator,

React .js based project used to generate random memes and download those memes

ACTIVITIES

Hosted a private server

Hosted and managed a personal cloud-based service under Tensorbuilds, connecting 3-4 servers to provide scalable hosting for client applications.

Research Paper

Wrote a research paper titled "From Neurons to Networks: The Impact of Neuromorphic Computing on BCI Development" Preprint available on OSF link :https://osf.io/preprints/osf/2sy6m_v1

Event Head, Association of Computer Engineering Students(ACES PVG COET), Pune *July 2023- March 2024*

Acquired the position of Event Head at ACES (a non profit organization) where we conducted various technical and non-technical events throughout the year with a vision to improve the technical knowledge of our students

Speaker, Computer Engineering Department, PVG COET, Pune *16th April 2024*

Conducted a Hands-On on Basics of React framework for associated junior batch

Event Organizer, Google Developers Student Club(GDSC), PVG COET, Pune *July 2023- March 2024*

A club dedicated towards improving technical knowledge of our students by conducting various technical events throughout the year like expert sessions ,webinars ,hands on sessions and a Hackathon

Event Team Member, Association of Computer Engineering Students(ACES), PVG COET, Pune *July 2022- March 2023*

Acquired the position of Event Head at ACES (a non profit organization) where we conducted various technical and non-technical events throughout the year with a vision to improve the technical knowledge of our students

SKILLS

Programming Languages and Frameworks

C++, Python, Java, HTML, CSS, JavaScript, SQL

Libraries

Next.js React.js, Pandas, Numpy, Sklearn, Matplotlib, Seaborn, Pytorch, OpenCV, TensorFlow ,Langchain

Accompaniment

Canva, Figma, Adobe Express, Video Editing (Cap-Cut, Filmora, In-Short)