

# PRATHMESH GAWALI

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## EDUCATION

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**Pune Vidyarti Griha's College of Engineering , Pune**  
**Bachelor of Engineering**

*2021 - 2025*

## EXPERIENCE

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**Co-Founder**, Tensorbuilds

*November 2024- Current*

Co-founded AI startup developing SaaS-based products focusing on a fitness app

Launched "Think Outside the Box" youtube channel featuring industry featuring podcast with experts and alumni

**Web Development Intern**, AHEN.co

*November 2023- February 2023*

Developed a dynamic and responsive responsive React.js platform for driver education with booking system and user dashboards

**Data Science Intern**, CodeClause.

*August 2023- September 2024*

## PROJECTS

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**Bulkbites - AI Fitness App** , (Beta Available)

Under Tensorbuilds developing an AI-driven app for food recognition, nutrient tracking, recipe suggestions, and meal planning.

**SynapseIQ - Multimodal RAG Learning Assistant**

Built a web-based learning assistant using Streamlit and RAG to generate summaries, flashcards, quizzes, and mind maps.

**Image Colorization Autoencoder**

Deep learning model that converts grayscale images to color using a convolutional autoencoder architecture.

**Chatmate - AI Browser Assistant**

Browser extension that helps understand webpages and gain more insights.

**Stock Price Prediction**

Comparative analysis of future stock price accuracy using various ML models.

## ACTIVITIES

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**Research Paper**

"From Neurons to Networks: The Impact of Neuromorphic Computing on BCI Development"

Preprint: [https://osf.io/preprints/osf/2sy6m\\_v1](https://osf.io/preprints/osf/2sy6m_v1)

**Hosted a private server**

Deployed and maintained an on-premises server functioning as both a Network-Attached Storage (NAS) solution and application deployment platform.

**Event Head**, ACES PVG COET

*July 2023- Mar 2024*

**Speaker**, Computer Eng. Dept. PVG COET

*16 Apr 2024*

Conducted React.js hands-on session for juniors

**Event Organizer**, GDSC PVG COET

*July 2023- Mar 2024*

**Event Team Member**, ACES PVG COET

*July 2022- Mar 2023*

## SKILLS

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**Programming:** C++, Python, Java, HTML/CSS/JavaScript, SQL

**Libraries:** React/Next.js, Pandas, NumPy, Sklearn, PyTorch, TensorFlow, Langchain

**Tools:** Docker, Git, Canva, Figma, Adobe Express, Video Editing (CapCut, Filmora)