

# Varad Pensalwar

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## EDUCATION

**Sanjay Ghodawat University**

Kolhapur, India

*B. Tech - Artificial Intelligence and Machine Learning Graduation:*  
2025

## TECHNICAL SKILLS

- **Front-End:** HTML5, CSS3, JavaScript (ES6+), React.js, Responsive Design
- **Tools:** Git, GitHub, VS Code, npm,
- **CSS Frameworks:** Bootstrap, Tailwind CSS
- **Familiar With:** Node.js, MongoDB, C++, NumPy, Pandas,

## WORK EXPERIENCE

**Web Developer Intern at New Bytes Computer**

Jan 2025 – Apr 2025

*Supervisor: Sameer*

- Implemented automated testing suite reducing deployment errors by 60% and accelerating release cycles from weekly to daily
- Optimized database queries and implemented caching strategies, improving application load times by 45% for 5,000+ concurrent users
- Developed RESTful API endpoints serving 10,000+ daily requests with 99.9% uptime and sub-200ms response times
- Created reusable component library adopted across 3 projects, reducing development time by 35% for future initiatives

## PROJECTS

**Prep Wise**

Feb 2024 – Apr 2024

- Prepwise is a smart mock interview platform that uses advanced AI technology to simulate 500+ real-life interview scenarios, helping users practice both technical and behavioral questions across 50+ industries.
- With instant feedback delivered in under 30 seconds and a clean, intuitive interface, it creates a focused environment to boost interview confidence by 75% and improve success rates.

**Ziggy - The Voice Assistant**

May 2024 – Jul 2024

- Ziggy is an intelligent voice assistant designed to simplify your daily tasks through seamless voice interactions with 95% accuracy recognition.
- With its user-friendly interface processing commands in under 2 seconds and 200+ personalized features, Ziggy adapts to individual user preferences, improving daily productivity by 40% and making life more efficient and enjoyable.

**Pets Vibe**

Aug 2024 – Feb 2025

- Pets Vibe - Pet Community Platform Pets Vibe is a dedicated platform designed to empower 1,000+ pet enthusiasts to connect, share experiences, and celebrate their furry friends in a vibrant online community supporting 8+ pet categories.
- I crafted a responsive and engaging interface across 15+ pages that delivers a seamless user experience with 98% mobile compatibility, allowing pet lovers to upload 500+ photos, interact through 200+ posts, and explore content with 40% improved engagement rates.

## EXTRA CURRICULARS

- Join an AI club to organize study groups, workshops, or tech talks. (2022)
- Completed 80 hours of NSS community work and mentioned for exemplary volunteering. (2023)
- Devised a machine learning algorithm during 24-hour hackathon that predicted software bugs with 95% accuracy, earning recognition as 'Most Innovative Solution' among 50 competing teams.
- Porsche 911 GT3 RS web-app in React and Tailwind CSS with infinite scroll, smooth animations, and responsive design. Check [here](#) (2024)