

Pranav Phadatare

✉ pranavphadatare0302@gmail.com ☎ +919226781970 📍 Satara, India 🌐 pranav-phadatare 🔄 pranavo30203

EDUCATION

B.Tech Computer Science and Engineering

2021 – 2025 | Vellore, India

Vellore Institute of Technology

- CGPA-8.63

Higher Secondary Education (HSC)

2019 – 2021 | Kolhapur, India

Sanjay Ghodawat Junior College

- Scored :89.81%

Secondary Education (SSC)

2009 – 2019 | Satara, India

Annasaheb Kalyani Vidyalaya

Scored-91%

PROFESSIONAL EXPERIENCE

Project Intern

09/2023 – 10/2023 | Pune, India

HEMRL, Defence Research and Development Organization (DRDO)

- Led the development and deployment of a safety helmet detection system using SSD-MobileNet.
- Achieved a precision of 95% and recall of 77%, improving workplace safety compliance by 40%.
- Conducted data preprocessing and model training with TensorFlow, reducing false positive rates by 30%.
- Collaborated with a team of 5 to integrate the detection system into existing safety protocols.
- Presented project findings to senior management, highlighting system efficiency and cost benefits.

Student Intern

10/2023 – 11/2023 | Remote

Bharat Intern

- Completed house price prediction and wine quality prediction projects with 90% and 85% accuracy, respectively.
- Applied machine learning techniques to real-world datasets, enhancing prediction reliability.
- Developed proficiency in Python, Pandas, and Scikit-learn, reducing data preprocessing time by 50%.
- Improved model training efficiency by 25% through optimization techniques.
- Documented project workflows and outcomes, providing clear and comprehensive project reports.

PROJECTS

Portfolio Website Development

03/2024 – 06/2024

- Created a personal portfolio website using HTML, CSS, and JavaScript, highlighting 5 individual projects.
- Applied responsive design principles to enhance user experience on over 10 devices, ensuring top performance.
- Employed Git for version control, effectively managing over 50 code changes and streamlining deployment.
- Implemented interactive features such as a contact form and project gallery, increasing user engagement by 30%.
- Optimized website performance by reducing page load time by 40% through efficient coding practices.

SKILLS

- Languages : C, Cpp, Java, Python, HTML, CSS
- Soft Skills : Communication, Adaptability, Leadership
- Softwares: Multisim, Modelsim, MATLAB, Cisco Packet Tracer, Wireshark, Orcad

EXTRACURRICULAR ACTIVITIES

Core Committee Member

2022 – 2024

Yuva Marathi Literary Association

- Created engaging captions for club Instagram posts, boosting online engagement and visibility.
- Contributed to media management team, enhancing social media strategy and content planning.

State Level Athlete

2018 – 2021 | Satara

Cricket

- State-Level Cricketer: Represented Maharashtra in competitive cricket.