# Vishal Pachpande

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## EDUCATION

**Shri Sant Gadge Baba College of Engineering and Technology, Bhusawal**B.Tech in Artificial Intelligence and Data Science (2021-2024)

**Veermata Jijabai Technological Institute, Mumbai**Diploma in Mechanical Engineering (2017-2020)

## EXPERIENCE

**Hidevs Community — Gen Ai Intern**May 2024 - Present  
● Developing applications powered by Large Language Models (LLM)  
● Utilizing Prompt Engineering for the development of applications

**Ordnance Factory Bhusawal — Data Science Intern**Sep 2023 - Nov 2023  
● Developed a computer vision application to detect text from rough and metal surfaces  
● Designed automation software to automate data entry into Tally Prime

**Happymonk.ai, Bengaluru — Data Science Intern**Sep 2022 - Dec 2022  
● Led a computer vision project to develop a model for detecting road cracks and potholes  
● Collected data for a computer vision-based security application to detect objects from security cameras

**JSW Steel, Dolvi, Maharashtra — Junior Executive**Nov 2020 – Jan 2022  
● Led a mechanical maintenance team of technicians to maintain Billet Caster Mechanical maintenance  
● Devised cleaning of flashback arrestor using ultrasonic cleaning method, resulting in 50% cost saving on flashback arrestors

## PROJECTS

**Text Extraction from Metal Parts and Rough Surfaces**Computer vision project to extract text from metal parts and rough surfaces

**Fire Detection using Computer Vision**Computer vision application to detect industrial fires using cameras

## SKILLS

Computer Vision: Completed projects  
Python: Completed projects and proficient  
Machine Learning: Completed projects  
Data Analysis: Proficient  
Data Structures and Algorithms: Intermediate

## CERTIFICATIONS

Huawei Certified ICT Associate in Cloud Computing  
Huawei Certified ICT Associate (HCIA) in AI Technology  
Joy of Computing using Python - IIT Madras  
Pregrad - Data Science Training