

# Ankush Dinesh Ingale

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## Education

### Vishwakarma Institute of Information Technology

B. Tech in Computer Science & Engineering

2022 - 2025

9.21/10 CGPA

### Government Polytechnic Pune

Diploma in Computer Science & Engineering

2019 - 2022

91.20/100%

## Work Experience

### LinkCode Technologies Pvt LTD

Aug 2021 – Oct 2021

Software Development Intern

Remote

- Developed **Online Examination Software** in Java full stack that increased user satisfaction
- Tech stack used: **Html, CSS, bootstrap** for UI, **Java, servlet, JSP** for backend, **Oracle** for storage.
- Successfully led a team of 4 engineers in the development of new product

## Projects

### Spitting and littering detection system

- Spearheaded a dynamic team of three to develop a cutting-edge real-time Machine Learning Model specializing in Spitting and Littering Detection.
- Utilized a sophisticated blend of ML algorithms **Decision tree classifiers and CNN** combined with advanced image processing techniques, to promptly detect and monitor instances of spitting activities with precision and efficiency.

### Sentiment Analysis using NLP

- Implemented a real-time Machine Learning model for sentiment analysis, determining the positivity, negativity, or neutrality of given text.
- Integrated state-of-the-art pretrained **VEDER and RoBERTa** models, enriched with Lexicon dictionaries, seamlessly interfaced with the Hugging Face API, to deliver instantaneous insights into human sentiments.

### Timetable Generation Software

- Engineered a **Java-based Web Application** dedicated to generating timetables customized to the unique specifications of the faculty at Government Polytechnic Pune.
- This application serves as a customized solution to efficiently meet the scheduling needs of the institution

### Weather Prediction Application

- Engineered a web-based weather prediction application using **Django**, leveraging its robust framework to provide users with accurate and real-time weather forecasts

## Technical Skills

**Languages:** Java, Python, C/C++,

**Frontend:** HTML, CSS, Bootstrap

**Backend Frameworks:** Servlet, JSP, Django

**Clouds & Databases:** AWS, Oracle, MySQL, MongoDB

**Developer Tools:** GitHub, JIRA, Trello, Canva, Docker

**Coursework Subjects:** DBMS, Operating System, Software Engineering, Agile Software Development

## Achievements

### Project Competition

2021-2022

- Winner of National Level Project Competitions organized By **Government Polytechnic Pune, SIT Lonavala.**

## Leadership Roles

- Web Master at Computer Society of India, VIIT
- Technical Head at Institute Industry Interaction Cell, VIIT

## Certifications

- Meta's Django Web Framework Course
- Full Stack Web Application Development at Pune Institute of Computer Technology
- Introduction to Machine Learning at Duke University