# Akshad Mahadik

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## SKILLS AND TRAINING

**Technical Skills**: Intermediate in SQL, PHP, Javascript, HTML/CSS, ReactJS; Intermediate in Java, Python,Spring Framework,CyberSecurity

**Languages:** Fluent in English,Marathi, Hindi ; Conversational Proficiency in English,Marathi, Hindi

**Certifications & Training:** Online Course in Cloud Computing (ExcelR), Badges in AI and ML Workshop, TNS Foundation Core Java and Soft Skills training

## EDUCATION

**Vasantdada Patil College of Engineering**                                     Sion, Mumbai
Bachelor of Engineering                                                      Expected May 2025
Major in Computer Science;
Cumulative GPA: 7.34
Relevant Coursework:Web development , Software Engineering; Computer Hardware ; Algorithms; Artificial Intelligence

**Kirti M. Doongursee College**                                                Dadar Mumbai
Higher Secondary Schooling in Stream of Science,                                      May 2021
Final Percentage:79%
Relevant Coursework : Physics, Chemistry, Maths, Computer Science(C++ Programming)

## WORK EXPERIENCE

**Flipkart GRiD 6.0 : Machine Vision Project**                            Hackathon Competition
                                                                          Sept 2024-Oct2024
- Round 2 for Flipkart GRiD was to develop a Application which could detect fruits and FMCG products
- We developed Machine learning models for Product Detection and Freshness Detection while OCR was done using tesseract, Optimization of Tesseract parameter for optimum character recognition and date detection
- Both models were highly accurate and implementation was successfully Implemented

**CodeSoft.** (Service based IT Company)                                   Mumbai, Maharashtra
Java Developer Inter                                                        Dec 2023- Jan 2024
- Completed various task Provided by the team and completing them on time
- Creating various small level projects and submitting them through

**IBM SkillBuild Internship**                                             Mumbai, Maharashtra
AI & ML Intern                                                            Jun 2024– Aug 2024
- Learned and understood various aspects of Artificial Intelligence and Machine Learning,understanding and Concept that are used in Modern industry standards
- As a Final assessment we had made a chatbot that used IBM Watson with our custom data set the chatbot was capable of handling all Query That may arise from that website

**Google Vercel Training**                                                Mumbai,Maharashtra
 AI & ML training                                                         May 2024 – June 2024
- Learning AI through Google made course with hands on learning were key takeaways from the course

**Hackathon : Ace of Hacks**                                             Mumbai , Maharashtra
                                                                          March-2024
- Hackathon Organized by A.C Patil College of Engineering mumbai was a 24-hr Hackathon
- My team Developed a comprehensive Animal Protection website which was a single website any animal lover would ever need

- Website contained various section from products for pets to location and reviews of Vets close by it was design to be a community driven feature
- There was planned feature for reports of injured pets and there updated location via IOT but feature was not implemented due to 24hr time-limit

## UNIVERSITY PROJECTS

**Encryption and Decryption Website Project**                                        May 2023
- Developed an encryption and decryption web application using the Django framework in Python. The project features secure text file encryption and decryption utilizing the Advanced Encryption Standard (AES) algorithm
- Technologies used include Python, Django, HTML, CSS, and JavaScript.

**TNS Foundation Training Project**                                        Jul 2024
- Developed a Placement Management System using the Spring framework and MySQL in Java.
- Creating multiple classes services and Repository understanding data flow in spring and understanding Fullstack working in Spring .

**Research and Implementation of Steganography into 2FA authentication system**                                        Aug 2024
- Integration of Steganography system within tradition 2FA authentication systems to develop a method of secure Identity and access management of secure networks
- The system has double Encryption method to further securing of Messages transmitted through the system
- System as 2 different types of Steganography technique to safely transmit messages and a addition layer of AES algorithm to further secure the data being transmitted

## ACTIVITIES

**MEMBER OF STUDENT COUNCIL**                                        Siom, Mumbai
Key Member of Documentation and Creativity Teams                                        May 2023 – Present
- Created Various MoUs for College Events Planning and Official Reports were handled by our teams along with scheduling of certain events and Official Letters addressing various purposes
- Designed Posters for events across college and Designing of Banners

**TNSF Training for Placements**
Training                                        Jan 2017 – Oct
- Training conducted by TNS Foundation that gave us Training regarding Technical skills and SoftSkills. Learning the proper Work Ethics and work culture along with proper technical skills needed to do job
- Developing relevant skills required to work with a team and understanding of professional work culture on a Industry standard