

Sanket Kanase

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Pune, Maharashtra - 411018, India


OBJECTIVE

Motivated Computer Engineering student seeking an opportunity to contribute to impactful projects, grow in a dynamic tech environment, and solve real-world problems through innovative software solutions.

EDUCATION

- **Dr. D. Y. Patil Institute of Technology** Nov 2022 - Present
Computer Engineering
◦ GPA: 7.86/10.00
Pune, India
- **Shri Nath Collage Paithan** February -2022
Higher Secondary Certificate
◦ Grade: 80.50%
Sambhajinagar, India
- **Shri Nath High School Paithan** March-2020
Secondary School Certificate
◦ Grade: 84.60%
Sambhajinagar, India

PROJECTS

- **Project A: [Food Health Evaluation System]**
Tools: [OCR, Machine Learning, ETL, CNN, Deep Learning]
 - Developed an AI-driven food quality assessment system that leverages OCR (Tesseract) to extract ingredient data from packaged food labels.
 - Implemented Convolutional Neural Networks (CNN) to predict health scores and classify foods into Good, Moderate, or Bad categories.
 - Integrated the Edamam API for real-time nutritional enrichment, enhancing accuracy of ingredient-level analysis.
 - Designed an end-to-end automated pipeline enabling consumers to make informed dietary decisions through transparent nutrition analysis.
- **Project B: [AI Image Generator (MERN)]** 
Tools: [React.js, Node.js, Express.js, MongoDB, Stable Diffusion API, Cloudinary]
 - Developed a full-stack app to generate images from text prompts using Stability AI's Stable Diffusion and allow community sharing.
 - Built RESTful APIs (Node.js, Express.js) and React frontend for image generation, browsing, and posting.
 - Implemented image uploads/hosting with Cloudinary and managed posts in MongoDB (Mongoose).
 - Enabled search, gallery browsing, and responsive UI with styled-components and MUI.

SKILLS

- **Programming Languages:** C++, Python, Java
- **Web Technologies:** Node.js, React.js, REST APIs
- **Database Systems:** MySQL
- **Version Control:** Git, GitHub
- **Others:** SQL, Cloud Basics , OOPs , OS

ACADEMIC AND EXTRACURRICULAR ACHIEVEMENTS

- Paper accepted for publication in IEEE Xplore, co-authored with faculty mentors and student collaborators.
- Led the Cultural Club's management team in delivering successful events.

TRAININGS AND CERTIFICATIONS

- **Data Analyst Training Program:** [Godrej Infotech](#)
- **Object-Oriented Programming in C++:** [Great Learning](#)
- **Introduction to Generative AI:** [Coursera \(Google Cloud\)](#)
- **Python for Data Science:** [NPTEL Certification](#)