

Jatin Kshatriya

Portfolio.: jatin-tec.github.io

Bachelor of Technology

Samrat Ashok Technological Institute

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🐙 [GitHub Profile](#)

🌐 [LinkedIn Profile](#)

EDUCATION

•Bachelor of Technology - Artificial Intelligence and data science

2020-24

Samrat Ashok Technological Institute, Vidisha

CGPA: 8.2

PROJECTS

•Indianewsvista(Freelance Project)

12/2023

A full-stack news website with Django, achieving over 3K impressions in a month.

- Created a CI/CD pipeline for efficient deployment and containerized the application using Docker.
- Delivered high client satisfaction with the final product through seamless performance and scalability.
- Technology Used: Django, Django Templates, CI/CD, Docker.

•Skin zen

A personalized acne detection and recommendation web-based product for accurate acne classification.

- Utilized ResNet-101 architecture with transfer learning for classification and employed eye-cascade and face-landmarks models to extract skin patches, enhancing classification accuracy.
- Implemented a recommendation component using the GPT-3 API.
- Improved user experience by providing precise acne assessments and individualized skincare suggestions, boosting satisfaction
- Technology Used: Computer Vision, Prompt Engineering, Transfer Learning, Hugging Face, Docker.

EXPERIENCE

•HappyMonk

7/2023

Data Engineer

Remote

- Working on developing the inference pipeline of advanced video analytics solution.
- Processed real-time video data from various sources and optimizing the pipeline for high-performance, accurate insights.
- Collaborate with a team to ensure reliability, scalability, and efficiency, contributing to a cutting-edge product that enhances security and efficiency across industries.

•Mastork Technologies

01/2023 - 04/2023

Backend Developer Intern

Remote

- Cooperated with front-end developers and other team members to design more cohesive and functional code.
- Designed, developed and tested end points using Django and Django Rest Frame Work.
- Assisted project manager to prepare implementation plan from technical perspective.

•Kaizen Young Consultant

02/2022 - 01/2023

Full Stack Developer Intern

Remote

- Worked on adding additional features and database migration in educational website My Question Box (back-end written in django) and deployed the applied changes.
- Maintained and updated CMS of News app Live VNS which has over 100K downloads in play store.
- Led and designed database structure, utilizing the Firebase SDK and integrating it into the React front-end application for a startup called Billify.

TECHNICAL SKILLS AND INTERESTS

Languages: Python, Javascript, C/C++

Libraries: PyTorch, Tensorflow

Frameworks: ReactJs, Django

Cloud/Databases: MongoDB, Firebase, Relational Database(mysql), AWS

Others: Nodejs, VScode, Git, Github, Docker, CI/CD, Linux

Relevant Coursework: Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering, Natural Language Processing, Cloud Computing, Business Intelligence, Artificial Intelligence, Machine Learning.

Areas of Interest: Back-end Development, Machine Learning, Data Science.

Soft Skills: Problem Solving, Self-learning, Presentation, Adaptability

COMPETITIONS AND ACHIEVEMENTS

•Finalist of Smart India Hackathon -2022 (National Level)

8/2022

- The problem statement was to develop a chatbot builder for creating conversational chatbots without requiring coding skills. These chatbots would be used for troubleshooting questions, training, and problem diagnostics.
- Our proposed solution is a web interface built using the Next.js technology stack, incorporating MongoDB and RASA.