

OBJECTIVE

Passionate Web Developer skilled in Backend development with Django, Frontend using ReactJs and proficient in machine learning frameworks like Scikit-learn and Keras. Demonstrated expertise in designing, optimizing, and maintaining backend systems. Adept in collaborative development using Github.

EDUCATION

Qualification	Institute/Board	Year	GPA/Percentage
B.Tech CSE	Guru Gobind Singh Indraprastha University	2020-2024	9.11 (till sem. VII)
Higher Secondary	CBSE	2019-2020	77.8%
Senior Secondary	CBSE	2017-2018	83.4%

SKILLS

Languages	Python, HTML, CSS, JavaScript, SQL
Libraries/Frameworks	React, Django, DRF, Bootstrap, Numpy, Pandas, Scikit learn, Keras, OpenCV
Tools	Git/Github, Postman, Google Colab
Databases	MySQL, Sqlite3

EXPERIENCE

Factify Technologies Pvt. Ltd. (Python Developer Intern)(Aug, 2023 - April, 2024)

Tech Stack: Django, Python, SQL.

- Developed the front-end of a web app.
 - Designed and implemented the backend for a lead management system, integrating Karza APIs for Aadhaar OKYC and PAN validation.
 - Actively contributed to enhancing backend performance through ongoing development, maintenance, and optimization of database interactions.
 - Played a key role in client management responsibilities.
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PROJECTS

Animal Detection in Rural Settings -[Link](#) -[Github](#)

Tech Stack: React, HTML, CSS, Javascript, OpenCV, YOLOv8

- Engineered a real-time animal detection system for rural farms using YOLOv8 for object detection. Built a React application for live video monitoring, integrated API, animal/human classification output, and siren functionality.

Portfolio Website -[Link](#) -[Github](#)

Tech Stack: React, HTML, CSS, Javascript, GSAP, Vivus.js

- Leveraged the power of React for a dynamic and user-friendly experience.
- Smooth animations powered by GSAP and Vivus.js.

ASL Classification using Deep Learning -[Github](#)

Tech Stack: Python, Machine Learning, OpenCV, Keras, Neural Networks

- *Developed a real-time ASL classification system using computer vision with OpenCV and Mediapipe.*
 - Enabled accurate sign language understanding through the project.
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PUBLICATIONS

- ***Galactic Simulation: Visual Perception of Anisotropic Dark Matter - [Link](#)***

Anand Rajput, Tushar Rajora, Divyansh Singh, Satwik Pandey

AMRIT conference, Assam University Silchar

- ***ASL Classification using Deep learning - [Link](#)***

Ronit Bakshi, Satwik Pandey, Tanmay Parnami, Utkarsh Jain

- ***Feature Selection Techniques for Enhancing Credit Card Fraud Detection Performance - [Link](#)***

Pravalika Sure, Satwik Pandey, Tanmay Parnami, Gaurang, Aryan Saxena