



# Pranav K

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Kpranav-Kp

## SKILLS

- **Programming:** Python, C/C++, Java, SQL
- **Machine Learning:** TensorFlow, Keras, scikit-learn, Pandas
- **Data Analytics:** Matplotlib, Seaborn, Power BI
- **Web Development:** Flask, Django, FastAPI, ReactJS, HTML/CSS/JS, PostgreSQL, MySQL
- **Cloud/DevOps:** AWS, Docker, Git
- **Creative Skills:** 3D modeling, Animation, Video Editing, Music Production

## CERTIFICATIONS

- CS50x – HarvardX (Dec 2024)
- Machine Learning – DeepLearning.ai (Aug 2024)
- Basics of Spanish – UPValenciaX (Mar 2025)

## EXECUTIVE SUMMARY

Innovative developer specializing in building scalable web applications and practical machine learning models. Skilled with React for frontend, Django framework for backend, and SQL for robust data storage solutions. Recent projects highlight strengths in AI solutions and modern web technologies.

## EXPERIENCE

### 300DPI

Oct 2023 – Present

3D and Animation Cluster Core Member

- Created 4 promotional videos and 2 merchandise campaigns for cultural events.
- Organized an inter-college event with more than 20 participants and an intra-college workshop with more than 50 participants.

## EDUCATION

### SASTRA Deemed University

2027

B. Tech in CSE (AI & DS)

CGPA: 8.73

### Pushpalata Vidya Mandir

2023

High School

Percentage: 94%

## PROJECTS

### Focus Flow – Flask, SQLAlchemy, Git

2024

- Built a secure task manager with authentication and SQL-backed storage.
- Enabled task creation, editing, prioritization, and real-time progress tracking.
- Designed a simple, practical UI for boosting daily productivity and organization.

### SkySense – FastAPI, AWS, ML, Git

2025

- Developed a weather prediction platform using Random Forest and XGBoost models, tuning hyperparameters for accuracy.
- Implemented a FastAPI backend with real-time prediction endpoints.
- Deployed on AWS Cloud for scalable, reliable forecasting services.