



# Pranav K

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k-pranav2005

Kpranav-Kp

## SKILLS

- **Programming:** Python, C/C++, Java, SQL, JavaScript, TypeScript
- **Web Dev:** Django, Flask, FastAPI, ReactJS, PostGRES, MongoDB
- **Machine Learning:** Scikit-learn, TensorFlow, NumPy, Pandas
- **Cloud/DevOps:** AWS, Docker, Git, CI/CD
- **Analytics:** Power BI, EDA, Time Series Analysis

## CERTIFICATIONS

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

## EXECUTIVE SUMMARY

Enthusiastic software engineering student skilled in full-stack development and applied machine learning. Experienced in designing scalable systems using Python, React, and cloud services (AWS, Docker). Interested in building secure, data-driven applications that improve user experience and efficiency. Driven to support open-source projects that uplift communities through scalable, impactful technologies.

## EXPERIENCE

### 300DPI

Oct 2023 – Present

Core Member, 3D and Animation Cluster

- Created 4+ promotional videos and 2 merchandise campaigns for campus events.
- Led workshops enhancing student collaboration and creative outreach.

## EDUCATION

### SASTRA Deemed University

2027

B.Tech in CSE (AI & DS)

CGPA: 8.73

### Pushpalata Vidya Mandir

2023

High School

94%

## PROJECTS

### Focus Flow – Flask, SQLAlchemy, Git

2024

- Built a secure task manager with authentication and SQL-backed storage.
- Developed an intuitive dashboard to improve task tracking and productivity.

### SkySense – FastAPI, AWS, ML, Git

2025

- Developed a weather prediction model (RandomForest, XGBoost) achieving 82% accuracy.
- Exposed an API for real-time forecasts via scalable FastAPI backend.

### StockEDA – Pandas, Matplotlib, NumPy, Git

2025

- Performed ten-year stock data analysis of Qualcomm (QCOM) for pattern recognition.
- Visualized key metrics for volatility, correlation, and long-term trend insight.