OM KADANE

PYTHON PROGRAMMER | ASPIRING FULL STACK DEVELOPER

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SUMMARY

Passionate and self-driven Python programmer with a strong foundation in software development and real-world project experience. Currently focused on mastering Full-Stack Development using Python. Proven ability to build innovative applications from desktop to web and eager to continuously learn, develop, and contribute to impactful software solutions.

SKILLS SUMMARY

Languages: Python, JavaScript, SQL, C, C++
Frameworks & Libraries: Django, Flask, React, Pandas, NumPy, Matplotlib
Web Technologies: HTML5, CSS3
Databases: MySQL, PostgreSQL, SQLite, MongoDB
Cloud Platforms: AWS, Google Cloud, Vercel, Render, Netlify
Tools: Git, GitHub, VS Code, PyCharm, Cursor

PROJECTS

Flappy Bird in 2 Languages

- A fun, addictive Flappy Bird-styel game recreated in Python (PyGame) and JavaScript (HTML/CSS/JS).

Advanced Python Online Quiz System

- A GUI-based advanced quiz application built using Python, Tkinter, and SQLite3.

Rainbow QR Code Generator

- A beautiful web application that generates rainbow-colored QR codes with optional logo customization.

Card Clash Battle

- A fun, graphical card game built with Python and Tkinter where you play against the computer.
- Each round, both you and the computer draw a card from the deck.
- The higher card wins the round.
- The game continues for 10 rounds, and the player with the most wins is declared the winner!

Hand Gesture Dino Game Controller

- Control the Google Chrome Dino game using simple hand gestures via your webcam.

LexiTranslator – Multilingual Translation App

- A cross-platform GUI-based translator using Python and Kivy, allowing users to translate text between multiple global languages.
- Designed a custom logic-based language mapping system to enable flexible, offline translation without relying on external APIs.
- Currently enhancing the user interface and feature set.

INTERNSHIPS

Aptron Technology | Feb 15 - Mar 2, 2022

Industrial Training in Robotics & Automation
- Completed a 2-week certified industrial training in Robotics & Automation at Aptron Technology, Satara.
- Gained hands-on experience in automation systems, robotics fundamentals, and industrial applications.

Anand Techno Creations | Aug 5 - Sep 23, 2021

IoT Training using Industry-Grade Microcontrollers
- Completed a one-month certified internship on IoT Project Development using industry-grade microcontrollers at NRIT Incubation Center, RIT, Islampur, in collaboration with Anand Techno-Creations, Satara.

CERTIFICATIONS

Python Programming (Core + Advanced)
- Covering key concepts like object-oriented programming, MySQL connectivity, and advanced scripting techniques.

Java Programming (Core)
- Covering object-oriented programming (OOP) concepts such as classes, objects, inheritance, polymorphism, abstraction, and encapsulation, along with exception handling, multithreading.

C++ Programming
- Covering object-oriented programming (OOP) concepts such as classes, objects, inheritance, polymorphism, abstraction, encapsulation, along with STL and advanced C++ features.

C Programming
- Covering fundamental concepts such as variables, data types, loops, functions, pointers, structures, and file handling.

Introduction to Containers, Kubernetes, and OpenShift
- Gained foundational knowledge of containerization technologies, Kubernetes orchestration, and OpenShift deployment. Learned how to build, manage, and scale containerized applications in cloud-native environments using practical labs and real-world examples.

English Typing – 30 & 40 WPM
- Focused on improving typing efficiency, accuracy, and advanced speed techniques.

EDUCATION

Full Stack Python Developer

Superhero Design+Code School | Apr 2025 - Present

Bachelor of Technology - BTech, Chemical Engineering

D. Y. Patil College of Engineering & Technology, KASABA BAWADA (DYPCET) | Sep 2023 - Jun 2026

Diploma in Electronics and Telecommunications Engineering

Government Polytechnic Kolhapur | Jul 2019 - Jun 2022