# OM KADANE

## PYTHON PROGRAMMER | ASPIRING FULL STACK DEVELOPER

Kolhapur, Maharashtra | **om@omcodex.site** | **+91 9607250685** | www.omcodex.site

## 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