

# OM KADANE

## FULL-STACK PYTHON DEVELOPER

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### SUMMARY

Full-Stack Python Developer with hands-on experience in designing, building, and deploying scalable web applications and AI-powered tools. Proficient in developing responsive front-end interfaces and robust back-end services, complemented by a strong foundation in DevOps practices: CI/CD and containerization. Eager to contribute to a dynamic team and build innovative, user-centric solutions.

### TECHNICAL SKILLS

**Languages:** Python, JavaScript, HTML5/CSS3, SQL

**Frameworks & Libraries:** Django, Flask, React, Tkinter, Pytest

**Databases:** PostgreSQL, SQLite, MongoDB

**DevOps & Cloud:** Docker, GitHub Actions, AWS (EC2), GCP (Cloud Run), Nginx, CI/CD

**Tools & Technologies:** Git, Postman, Linux, Shell Scripting, PyCharm, VS Code, Cursor

### PROJECTS

**Flappy Bird in 2 Languages** | [Live Demo](#) | [GitHub Repo](#)

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

**Synapse AI** | [Live Demo](#) | [GitHub Repo](#)

- An advanced, role-based AI chat application built with Python, Streamlit, and the Google Gemini API. Interact with specialized AI agents in a sleek, real-time, streaming interface.

**Rainbow QR Code Generator** | [Live Demo](#) | [GitHub Repo](#)

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

**PyGlance** | [GitHub Repo](#)

- A desktop application that provides real-time weather and news updates, along with the ability to send automated daily email updates to any user.

**PyTrack** | [GitHub Repo](#)

- A comprehensive desktop application designed to help you manage your personal finances with ease.
- It features both a user-friendly Graphical User Interface (GUI) and a powerful Command-Line Interface (CLI), ensuring a seamless experience for all types of users. Track expenses, set monthly budgets, and gain insights into your spending habits.

**Quantum Tetris** | [Live Demo](#) | [GitHub Repo](#)

- A modern, visually appealing Tetris game built with JavaScript, HTML5, and CSS3.

## 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.

## EDUCATION

### Full Stack Python Developer

Superhero Design+Code School | May 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