

KRISHNA PANDIT KAMBLE

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OBJECTIVE

Enthusiastic about joining a forward-thinking tech company where I can apply my diverse skills in software development, AI, and financial analysis to contribute to innovative projects and advance my professional growth.

PROJECTS

- Project A: Hand Gestures Recognition for Cursor Controlling

May 2021 - May 2023

Tools: Python, OpenCV, NumPy

The proposed system uses hand tracking techniques to capture and track hand gestures and uses a set of customizable rules to interpret them into actions.

- Without using a hardware mouse, the computer can be operated remotely based on hand gestures and can perform left-click and right-click operations.

- Project B: Interactive Whiteboard System

Aug 2023 - May 2024

Tools: Python, OpenCV, NumPy

- Developed a real-time interactive whiteboard system using OpenCV and NumPy for object detection and gesture recognition.
- Created a user-friendly interface with custom-designed features, allowing for seamless interaction between users and the whiteboard.
- Designed and implemented custom gesture recognition algorithms using NumPy, ensuring accurate and responsive user input.

- Project C: Personal Portfolio Website

Feb 2025

Tools: HTML, CSS, JavaScript

- Designed and developed a responsive personal portfolio website using HTML, CSS, and JavaScript.
- Implemented a clean and modern user interface, highlighting key projects and professional experiences.
- Optimized the website for different devices and screen sizes to ensure a seamless user experience.

- Project D: INAM E Commerce App

Nov 2025

Tools: Flutter, Dart, Firebase, REST API, Provider

- Developed a full-featured mobile e-commerce application allowing users to browse products, add to cart and place orders securely.
- Integrated Firebase Authentication for login/Signup and Fire store for product data management.
- Implemented responsive UI and smooth navigation across screens for an enhanced user experience.

- Project E: Inam Beauty Inventory Management

Nov 2025

Tools: Flutter, Dart, Firebase, Provider

- Built a mobile inventory management system for a beauty store to product, categories and stock details efficiently.
- Designed for shop owners to add, edit and manage beauty items, categories and inventory history in real-time.
- View Stock quantity and history of updates
- Simple, user-friendly interface

- Project F: Inam E-Challan Android App

May 2025 – till date

Tools: Python, Django, Flutter with Dart, SQL, FlaksAPI, Firebase Authentication, React Native (JavaScript)

- Developed an Android app for government employees to record and manage public offense fines with photo capture, Aadhar-based offender tracking and online / offline payment options.
- Build a secure Android app exclusively for government employees (Police, Municipality Staff, etc..) to issue e-challans for public offense. Implemented features like offender photo capture, Aadhar verification and online/offline fine integration with receipt upload.
- Developed government use only android app for issuing and managing fines for public offenses (e.g., spitting, smoking, etc.). The system allows authenticated government employees to:
 - Capture photos and records offender details (Name, Phone, Aadhar, Offense Type).
 - Manage User, Offense and Payments through an admin panel.
 - Integrated Firebase for OTP verification and secure Employee access.

This app is not ready to for this time, I'm working build on this app.

- **Project G: Vub-Engineering Corporate Website** Jan 2026

Tools: *HTML5, SCSS (Sass), Javascript ES6+, Bootstrap 5, Vite, Figma, AOS*

- Designed and developed a professional, responsive corporate website for a leading civil engineering firm using HTML, SCSS and Bootstrap 5.
- Implemented advanced UI features including Splide.js carousels for project showcases AOS(Animate on Scroll) for scroll animations, and a mobile-responsive off-canvas navigation menu.
- Build a performance-optimized fronted workflow using Vite, utilizing modular SCSS for maintainable styling and semantic HTML5 for SEO and accessibility.
- Translated high-fidelity Figma templates into pixel-perfect code, ensuring a premium user experience across all devices and screen sizes.

- **Project H: Amazon clone E-commerce Application** Jan 2026

Tools: *HTML5, SCSS (Sass), Javascript ES6+, Bootstrap 5, Vite, Figma*

- Designed and developed a comprehensive multi-page e-commerce platform using HTML5, SCSS, and Javascript ES6+.
- Implemented advanced features such as persistent shopping cart state via Local Storage, dynamic product rendering, and user authentication flows.
- Optimized application performance which Vite build tool and ensured full mobile responsiveness using Bootstrap 5 grid system.

- **Project I: Salesforce Landing Page clone** Jan 2026

Tools: *HTML5, SCSS (Sass), Javascript ES6+, Bootstrap 5, Vite*

- Designed and developed a pixel-perfect, fully responsive clone of the Salesforce SMB landing page using HTML5 and SCSS, ensuring high fidelity to the original design.
- Implemented a scalable CSS architecture with nested styling, mixins and variables to effectively manage complex layout and over brand colors.
- Optimized responsiveness across 11 custom breakpoints (from 320px to 1500px), ensuring a seamless and adaptive user experience on mobile, tablet and desktop devices.

- **Project J: Flipkart clone E-commerce Website** Feb 2026

Tools: *HTML5, SCSS (Sass), Javascript ES6+, Bootstrap 5, Vite, Figma*

- Designed and engineered a fully responsive e-commerce web application using Sass for modular styling and vite for optimized performance.
- Build a custom state management system using localstorage and CustomEvents to persist shopping cart data and synchronize UI updates instantly across pages without a backend.
- Implemented dynamic features including a real-time search algorithm with normalization, product sorting/ filtering, and an interactive mobile-first navigation system.

- **Project K: Netflix clone Website** Feb 2026

Tools: *HTML5, SCSS (Sass), Javascript ES6+, Bootstrap 5, Vite, Figma*

- Designed and engineered a high-fidelity Single Page Application (SPA) using semantic HTML5 and SCSS to replicate the core Netflix user experience.
- Implemented advance state management features including a multi-profile user system and a persistent "Downloads" library using LocalStorage.
- Optimized the application architecture with a custom asset resolution strategy to ensure seamless media rendering and consistent performance across devices.

- **Project L: INAM Music Streaming Website** Feb 2026

Tools: *HTML5, SCSS (Sass), Javascript ES6+, Bootstrap 5, Vite*

- Developed a fully responsive, premium music streaming application featuring dynamic music categories, a full-screen player, and synchronized lyrics.
- Implemented a custom audio playback system using Vanilla Javascript to manage complex state (play/pause, shuffle, repeat) and playlist navigation without frameworks.
- Optimized the user interface with glassmorphism effects and smooth transitions, ensuring high performance and a seamless experience across mobile and desktop devices.

EDUCATION

- **University of Mumbai** June 2020 - July 2024
Thane, India
B.E Computer science (Artificial intelligence and machine learning)
* Percentage: 62%
- **J.S.S.P. college** 2017
Titwala
Secondary Education
* Percentage: 63%
- **Siddharth Vidya Mandir** 2015
Kalyan
Primary Education
* Percentage: 63%

PATENTS AND PUBLICATIONS

C=CONFERENCE, J=JOURNAL, P=PATENT, S=IN SUBMISSION, T=THESIS

- [C.1] Krishna Kamble, et al. (Year). **OpenCV based virtual interactive whiteboard using Python.** In *11th international conference on Microelectronics, circuits and systems.* 17 May 2024, Delhi. Sr.No: VDC0E4SM/MICRO-2024/001

SKILLS

- **Programming Languages:** Python, JavaScript (ES6+)
- **Web Technologies:** HTML5, CSS3, SCSS (Sass), Bootstrap 5, Django
- **Database Systems:** PostgreSQL, SQLite
- **Data Science & Machine Learning:** Pandas, NumPy, OpenCV
- **Cloud Technologies:** Microsoft Azure
- **DevOps & Version Control:** Git, GitHub
- **Specialized Area:** Artificial Intelligence, Machine Learning, Web Development
- **Other Tools & Technologies:** Pycharm, Visual Studio Code, Figma
- **Research Skills:** Literature Review, Research Paper Writing

CERTIFICATIONS

- **Quality Software Technologies, Thane:** Python Full Stack Development July 2024-May 2025
- **Besant Technologies:** Software Testing December, 2023

ADDITIONAL INFORMATION

Languages: English, Marathi, Hindi

Interests: Bike riding, Playing PC Games, Travelling, Trekking