

# VIVEK BARGUDE

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## Objective

Enthusiastic Android developer with a strong foundation in Java/Kotlin/Flutter and hands-on experience through academic projects and internships. Eager to bring innovative ideas and cutting-edge mobile solutions to life while growing within a dynamic development team. Driven by a passion for creating seamless user experiences and a commitment to continuous learning in the ever-evolving tech landscape.

## Skills

- Programming Languages and IDE : Java, Kotlin, Dart, Python, Javascript, Android Studio, Visual Studio Code
- Frameworks : NodeJs, ExpressJs, Flutter
- DevOps: Git, GitHub, Docker, Kubernetes, AWS
- Databases : MongoDB, MySQL, Firebase, SQLite, Amazon RDS

## Experience

### TechTesser

May 2024– July 2024

Flutter Developer Intern (Remote)

Agra, Uttar Pradesh

- Enhanced the Android app's performance by refactoring code, reducing load times by 35%, and improving overall efficiency.
- Identified and resolved critical bugs, leading to a 70% reduction in crash rates and ensuring a smoother user experience.
- Improved UI/UX based on user feedback and usability testing.

### Aspiring Web Solutions Pvt. Ltd.

Dec 2024– Feb 2025

Flutter Developer Intern (Hybrid)

Vasai, Maharashtra

- Developed and enhanced features for a hotel management app, streamlining booking, payment, and customer report systems.
- Collaborated with cross-functional teams to integrate a seamless user interface and ensure a smooth user experience.
- Implemented backend services using Node.js and MySQL to support real-time hotel booking updates and data management.

## Projects

### Facial Gesture-Based Virtual Keyboard

June 2023– Dec 2023

[Python, OpenCV, Dlib, Computer Vision, Image Processing, Gesture-to-Command]

- Developed an innovative Human-Computer Interaction system to control a virtual keyboard using facial gestures and eye blinks via webcam.
- Implemented real-time facial landmark detection using Dlib and expression recognition to map gestures to keyboard inputs.
- Designed an interactive grid-based virtual interface that allows text input using only eye blinks, enabling hands-free typing.

### MediHub - A Telemedicine App

Jan 2024– May 2024

[Flutter, Dart, NodeJs, ExpressJs, MongoDB, Firebase, RESTful APIs, Provider, Bloc]

- Enabled patients to easily schedule, reschedule, or cancel appointments with healthcare providers.
- Implemented online prescription management and medication ordering with home delivery.
- Added quick access to emergency services, including ambulance requests and hospital locators.
- Provided curated health articles and exercise routines to support wellness and fitness.

## Education

Vidyavardhini's College of Engineering and Technology, Vasai, Maharashtra

Nov 2022 – May 2026

B.E, Computer Engineering, [Current CGPA: 9.45/10]

A.V. College of Arts, E. S. Andrades College of Science, Vasai, Maharashtra

June 2018 – May 2020

HSC (Science Stream), [Percentage: 62%]