VIVEK BARGUDE

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Objective

Enthusiastic Android developer with hands-on experience, passionate about creating seamless mobile experiences and committed to continuous learning in a fast-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**
Android 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.

Aspiring Web Solutions Pvt. Ltd.   **Dec 2024– Feb 2025**
Android Developer Intern (Hybrid)   *Mumbai, 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.

Projects

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.

UMS – Unified Management System   **June 2024– Dec 2024**
[Flutter, Firebase, Node.js, MongoDB, RESTful APIs, Provider]

- Built a unified platform to manage inventory, sales, and invoicing, reducing manual work and tool dependency.
- Integrated real-time analytics dashboard to support data-driven decision-making.
- Implemented invoice generation module with custom templates after overcoming technical challenges.

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.

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%]