

ekaksh janweja

✉ jekaksh@gmail.com  [github/ekakshjanweja](https://github.com/ekakshjanweja)  stormej.me

 [linkedin.com/in/ekakshjanweja](https://www.linkedin.com/in/ekakshjanweja)

experience

fpv labs

nov 2025 - present

mobile engineer | [appstore](#)

remote

- built **stera**, a cross-platform mobile app for long-horizon egocentric data collection, and later **open-sourced**.
- contributed to **mobileego anywhere**, accepted at the **icra 2026 beyond teleop workshop**, by building the stera data collection infrastructure and releasing multimodal robotics datasets on **hugging face** with **170k+ downloads** for robotics research and physical ai applications.
- developed multimodal capture features using **arkit** and **arcore**, recording synchronized rgb video, depth, point clouds, camera poses, and imu into ros2-compatible mcap datasets.
- implemented a two-phone synchronization protocol using multipeerconnectivity, kalman-filtered clock offset estimation, and drift correction, achieving under one-frame alignment across independently recorded sensor streams.
- engineered a resumable s3-based upload platform across android, ios, and the backend, supporting 10gb+ recordings with multipart uploads, background execution, and automatic recovery.

digital domi

october 2024 - june 2026

founding mobile engineer

remote, tampa, fl, united states

- built the consumer mobile app from scratch with a shared design system across mobile and web.
- shipped the flutter web app with ci/cd to aws s3 via github actions.
- built a usps automation platform using playwright, cloudflare workers, bun, and hono.

merlin ai

may 2024 - october 2024

mobile intern

bangalore, india

- built and shipped core product features including android widgets, app shortcuts, sharing intents, and context menus, improving overall app usability. **[playstore]** **[appstore]**
- developed a reusable dart client library (dio, retrofit) and improved app stability via config caching, failure handling, and resilient state management.
- led development of wallflower, an ai image generation app integrating models like flux 1.1 pro and ideogram 2.0 for scalable image generation. **[playstore]**

team black box

jan 2023 - jun 2023

mobile intern

remote, india

- built cross-app features for take-a-sip and i-won't-forget using react native, firebase, react native skia, and compromise.js, improving reminder parsing accuracy by ~30%.

zuai

oct 2021 - jan 2022

flutter intern

zuapp | remote, india

- built onboarding and dashboard flows in flutter for a product serving 500k+ users.

education

delhi technological university formerly dce

new delhi

bachelor of technology in civil engineering, minor in computer engineering

gpa: 8.01 | 2025

delhi public school, dwarka

new delhi

class xii — percentage: 88.8% | 2020

class x — percentage: 82.2% | 2018

publications

mobileego anywhere: open infrastructure for long-horizon egocentric data on commodity hardware

arxiv 2026

community work

google developer student club dtu | app dev lead

dec 2022 - dec 2024 | workshops