




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

remote

- reduced app crash rate from $\sim 6\%$ to $<1\%$ by refactoring unstable modules and strengthening error handling across android and ios
- built a cross-platform upload pipeline supporting 10gb+ files with resumable uploads, background execution, and failure recovery
- developed a high-fidelity ar data capture system using arcore and arkit, capturing video, pose, point cloud, depth, and imu streams
- designed a structured recording pipeline packaging ar sessions into mcap (ros2-compatible) datasets with deterministic sampling (~ 30 fps) and robust lifecycle management

digital domi

october 2024 - present

founding mobile engineer

remote, tampa, fl, united states

- architected and built a flutter app end-to-end with a unified design system across mobile and web, using a feature-first modular architecture (repositories, providers, ephemeral state) for scalable and maintainable code.
- shipped a flutter web version with ci/cd pipelines deployed to aws s3 via github actions.
- built an automation system for usps informed delivery using playwright, deployed on cloudflare workers with bun and hono, enabling users to seamlessly complete sign-up flows via the mobile app.

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 using react native, firebase, and react native skia, including geospatial polygon rendering and dynamic ui components. [\[take-a-sip\]](#)
- improved reminder parsing accuracy by $\sim 30\%$ by integrating nlp-based parameter extraction using compromise.js. [\[i-won't-forget\]](#)

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

arxiv:2605.05945

on commodity hardware

2026

community work

google developer student club dtu | app dev lead

dec 2022 - dec 2024 | workshops