Abhiram V M

Product Designer | Design Engineer

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Experience

AI Design Engineer | FlytBase

May 2026 - Oct 2026

Designed and built drone reporting and weather tools with product, engineering and domain specialists.

- Owned UX design and AI-assisted frontend and backend implementation for FlytClip beta, replacing manual video downloads and PDF reports.
- Made AI reports reviewable by linking findings to source footage and keeping operator observations separate from model output.
- Brought weather into drone operations through AI-assisted frontend and backend work, showing readings, sources and limits beside each station.
- Shipped wind visualization in 5 days after a customer request, exposing altitude and data freshness.
- Enabled a customer whose drone station lacked a weather sensor to use weather guidance in 2 days by connecting their existing weather subscription.
- Resolved video-storage constraints by saving playback timestamps, letting recipients watch selected moments without storing trimmed copies.
- Documented shared UI component behavior in Storybook, giving AI coding tools explicit interaction rules alongside visual examples.

Product Design Intern | DMI Finance Private Limited

Oct 2025 - Apr 2026

Designed loan applications and customer verification with engineering and credit-policy teams.

- Reduced required fields by 75% in final loan-application designs (44 to 11), while simplifying the journey from 17 screens to 12.
- Addressed 5+ usability issues by revising field order, inline validation and conditional questions.
- Consolidated document uploads from 5 touchpoints to 3 in final verification designs, removing repeated steps while retaining required checks.
- Designed verification status and failure states to explain progress, next steps and recovery.

Independent Project

Pickem | iOS Camera and Photo Composition

- Designed and built an iPhone camera app for collecting objects and reusing them in new photos.
- Separated collection from composition so captured objects could be saved and reused later.
- Owned interaction design and implementation across capture, organization, composition and sharing.

Education

Indian Institute of Technology Madras | Master of Arts | 2020 - 2025

Liberal Arts and Sciences, English Studies

Skills and Tools

Design: UX design, interaction design, prototyping, design systems.

Design engineering: AI-assisted frontend development, AI-assisted backend development, React, TypeScript, Storybook.

Tools: Figma, Framer, Codex, Claude Code, Cursor.