

Harshad Kakade

UI/UX Designer & Design Engineer | Frontend + Python Developer | AI Automation & Tools Builder

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Behance: [behance.net/harshadkakade](https://www.behance.net/harshadkakade) | Portfolio: [Google Drive](#)

PROFESSIONAL SUMMARY

Automation-first problem solver — I break down messy, repetitive workflows and engineer the logic to automate them end-to-end, with AI, scripts, or custom tools (not just design — anything on a computer). UI/UX Designer & Design Engineer (~6 yrs) who designs in Figma and builds what he designs. Proof across domains: Figma design plugins (ChatGPT/Gemini + Python) that cut design time 60–70%, a self-running trading system spanning web/Android/Wear OS, browser + PowerShell pipelines, and AI apps that auto-process data. Skilled end-to-end — UI/UX (design systems, WCAG, user research), frontend (HTML/CSS/JavaScript/React), and Python/Flask back-ends (REST APIs, WebSockets, Docker/GCP). Agile/Scrum, cross-functional delivery.

WORK EXPERIENCE

UI/UX Designer and Developer

April 2023 – Present

Ksolves Pvt. Ltd. | Pune, Maharashtra

- Automation-first across the team: identified repetitive bottlenecks and engineered end-to-end automations — design generation, asset sourcing, and data processing — with Python, AI/LLMs, and browser/PowerShell scripting, saving hours every week.
- Led UI/UX design for 5+ enterprise SaaS products — real-time dashboards, admin panels, desktop applications, onboarding flows, and marketing pages — improving product adoption and client satisfaction.
- Built and maintained a comprehensive Figma design system with reusable components, design tokens, and documentation — ensuring design consistency and reducing design-to-development handoff time.
- Developed 3 production Figma plugins — Social Media Post Generator, Webpage Designer, and Case Study Designer — using the ChatGPT API and a Python backend, cutting design time by 60–70%.
- Built Bundlex, an internal 11-tool design-automation hub (Figma plugin + Python/Flask backend) — consolidating AI image generation, computer-vision design review, asset sourcing, Google Drive export, and live task tracking into a single tool used across the design team.
- Automated employee anniversary poster production end-to-end (Python, Pillow, PowerShell, Figma) — HR generates 50+ personalized branded posters from a CSV in one click, eliminating hours of manual design work each cycle.
- Designed and built custom UI for Odoo ERP modules (inventory/HR/CRM), an AI chatbot (streaming responses + multi-session), an Apache Nifi flow-manager dashboard, and real-time WebSocket operations dashboards.
- Applied design thinking, user journey mapping, user personas, and information architecture principles throughout the product design process.
- Collaborated cross-functionally with developers, QA engineers, and product managers in Agile and Scrum environments — consistently delivered pixel-perfect, WCAG-accessible UI on schedule.

UI/UX Designer

October 2022 – March 2023

BinaryHat Pvt. Ltd. | Pune, Maharashtra

- Designed highly responsive websites and mobile applications — delivered complete UI flows, wireframes, and interactive prototypes for 3+ client projects, each shipped on schedule.
- Applied user research, usability testing, and stakeholder communication to iterate on designs rapidly, reducing revision cycles and accelerating client approvals.
- Produced motion graphics and branding assets for digital marketing campaigns — elevated client brand perception through polished, professional visual output.

2D Animator and UI Designer

June 2020 – September 2022

Enthralltech Pvt. Ltd. | Pune, Maharashtra

- Created 2D animations for a Learning Management System (LMS) platform — improved learner engagement and course completion rates through compelling visual storytelling and animated explainers.
- Developed UI flows and interactive prototypes from concept through developer handoff across multiple concurrent client projects.
- Produced graphic design, illustration, and animation assets for branding, marketing, and instructional design — maintained consistent visual quality across all deliverables.

CORE SKILLS

Design and UX: UI/UX Design (Web, Mobile, Desktop) | User Research | Usability Testing | Design Thinking | User Journey Mapping | User Personas | Wireframing | Interaction Design | Information Architecture | Accessibility (WCAG) | Color Theory | Typography | Responsive Design | Design Systems | Motion Graphics | 2D Animation

AI and Automation: Figma Plugin Development (JavaScript, Figma Plugin SDK) | ChatGPT API | Prompt Engineering | Unsplash API | Freepik API | LottieFiles API | Python Automation | REST API Integration | WebSocket | Real-Time UI Development | Computer Vision (OpenAI CLIP) | PyTorch | Gemini API | Multi-Provider AI Orchestration | Playwright Browser Automation | Cloudflare Workers | AI-Assisted Development (LLM Pair-Programming)

Development: HTML | CSS | JavaScript | React (Basic) | Flask | Python | Docker | Google Cloud Platform | Odoo UI Development | Apache Nifi | Chatbot UI Development | Real-Time Dashboards | Chart.js | PowerShell | Pillow | Flutter | Dart | Kotlin | Jetpack Compose | Wear OS | Android (Native) | Socket.IO | Firebase Cloud Messaging | Room (SQLite) | MVVM | Coroutines | WorkManager | Git | REST APIs | SQL

Design Tools: Figma | Adobe XD | Sketch | InVision | Spline 3D | After Effects | Illustrator | Photoshop | Cinema 4D | Premiere Pro | Adobe Flash | Canva | Webflow

Methodology: Agile | Scrum | Cross-functional Collaboration | Stakeholder Communication | Design Thinking | A/B Testing | Heatmaps | Hotjar | Google Analytics | JIRA | Notion

Languages: English (Professional) | Hindi (Fluent) | Marathi (Native)

PROJECTS AND ACHIEVEMENTS

AI Automation Plugins — Figma

Bundlex — Design Automation Hub | JavaScript | Figma Plugin API | Python | Flask | PyTorch | OpenAI CLIP | Playwright | Gemini API | Cloudflare Workers | Google Drive API

- One Figma plugin bundling 11 tools — AI image generation with multi-provider fallback, CLIP semantic image search, AI vision design-review, blog banners, Drive export, and a live task dashboard — on a Python/Flask backend. Saves the team hours of asset-hunting and review weekly.

Anniversary Poster Generator — One-Click Automation Pipeline | Python | Pillow | PowerShell | JavaScript | Figma Plugin API | UI Automation

- One-click pipeline (Python + Pillow + PowerShell + Figma) that turns a CSV and photo folder into 50+ finished celebration posters automatically — no designer touches Figma.

Real-Time and Enterprise Applications

Tradex — Real-Time Trading Automation Platform (Server · Web · Mobile · Smartwatch) | Python | Flask | Socket.IO | Flutter/Dart | Kotlin | Jetpack Compose | Wear OS | Firebase FCM | Docker | GCP | Broker API

- Self-built algo-trading system across five surfaces — Python/Flask + Socket.IO backend, web dashboard, Flutter app, a native Android overlay floating live P&L over the broker app, and a Wear OS smartwatch app with a gyroscope “kill” gesture. Real-time streaming, auto stop-loss/target, Firebase alerts; Dockerized on Google Cloud.
- Other production work: Apache Nifi Flow Manager dashboard · Odoo ERP module UI · AI chatbot UI (streaming, multi-session) · real-time WebSocket + Chart.js operations dashboards.

Native Android Apps — Designed & Built with AI-Assisted Development

HK Car — Automotive Head-Unit Dashboard & Trip Tracker | Kotlin | Jetpack Compose | Compose Canvas | OsmDroid Maps | Room (SQLite) | Coroutines | Vosk Offline Voice | Kalman Filter | Open-Meteo API

- Tesla/BMW-style car head-unit app — Kalman-filtered GPS, automatic trip tracking, terrain detection, a self-learning CNG/petrol fuel-range engine, OsmDroid maps, a 10-band equalizer, offline voice (Vosk), and a Compose-Canvas compass. UI designed and logic engineered via AI-assisted development.

HK Money — AI SMS Expense Manager & App Limiter | Kotlin | Jetpack Compose | Google Gemini AI | Room (SQLite) | MVVM | Coroutines | WorkManager | Device Admin

- AI finance app that reads bank SMS and uses Google Gemini (4-model fallback) to auto-parse each into a structured transaction, with AI spending insights. Bundles a “Strict Mode” app limiter (Device Admin) that blocks distracting apps.

UI/UX Design Projects

Design case studies: FinTech (finance & investing) · Healthcare (patient management) · EdTech (e-learning) · Travel (hotel & trip booking) — full visuals on Behance.

Additional Design Projects: Truck and Lorry Shipment / Rental Management App | E-commerce App for German Grocery Chain | Nifi Flow Manager Web App (DFM) | Warehouse Management App (Shakaware)

EDUCATION

Bachelor of Engineering — Electronics and Telecommunication

Dr. D.Y. Patil College of Engineering, Pune | Pune University | 65%

2019