

Vinayak Talukar

Product Designer

vinayaktalukar.com vinayaktalukar@aol.com +44 757 202 1543 linkedin.com/in/vinayaktalukar/

AI-aware UX/Product Designer with 14+ years of experience building user-centric systems in the Public Sector, Enterprise SaaS, and AI-first startups. I specialize in designing complex workflows, service journeys, and interaction patterns — particularly in regulated or high-impact environments.

Recently, I've led the design of an AI-powered custom t-shirt platform as founder of Joyolution.com, where I explored human-AI collaboration, LLM prompt interaction, and creative autonomy. Passionate about designing with purpose, I bring systems thinking, lean discovery, and the ability to prototype in code (HTML, CSS, JS, NodeJS).

Skilled at facilitating design sprints, mapping user journeys, and building experiences that are both scalable and intuitive — I thrive at the intersection of usability, emerging tech, and business outcomes.

Skills

Facilitate workshops like Design Sprints, Product vision boards, User journey mapping and other workshops to foster collaboration.

A T-shaped contributor in multi-disciplinary agile teams with my core skill being design and occasionally User Research and front end development.

Experienced in designing for Government Digital Services (GDS) projects.

Enthusiastic about programming and can prototype in code using the Government Digital Services (GDS) prototyping toolkit, HTML, CSS, JS and NodeJS.

Tools and technology

Figma / Sketch / Miro / Mural / Paper / Pencil
Jira / Confluence / Notion
HTML / CSS / JS / NodeJS / Express / Nunjucks
PHP / MySQL
Hands-on experience with LLMs / UX Pilot /
UiZard

Techniques

User-Centered Design User Journey Mapping, UX Storyboarding, Affinity Mapping, Site Maps, User Flows, Product Vision Boards, Design Sprints, AI Interaction Design, Human-in-the-Loop Experiences

Prototyping & UI Design Paper Prototypes, Lo-Fi to Hi-Fi Prototyping, Visual Design, Generative UX Concepts, LLM Prompt Framing, Adaptive Interfaces

User Research Stakeholder Interviews, User Interviews, Shadowing, Contextual Enquiries, Competitor Analysis, Usability Testing, Research Ops Setup

AI & Emerging Tech Awareness Designing for LLM Interfaces (e.g. GPT), Prompt Engineering Principles, Conversational UX, User Trust & Explainability Patterns, AI-augmented Workflows

Education

Bachelor of Engineering
Computer Science
Visvesvaraya Technological University 2006,
India

Work experience

Interaction designer @ NHS England

Contract via GoodMachine

March 2025 - June 2025

Mission : How might we increase the uptake of vaccinations for children while increasing the efficiency and productivity of Child Health Information Services (CHIS) teams?

My contribution : I was part of the discovery team where we explored in breadth the operations of CHIS teams and their pain points.

Shadowed users on how they use technology and discovered numerous pain points and inefficiencies of their working.

Designed an app to showcase the results of a survey we did across 42 CHIS teams so that it would help the stakeholders better understand the pain points of the users.

Illustrated a user journey of the challenges a parent faces in various scenarios during vaccinations for a child.

Outcome : With the User Journey and Survey Results app the stakeholders are able to take an informed decision about the direction of the project.

Currently the stakeholders are evaluating various options of how to proceed with the next phase of the project and is due to commence from October 2025.

Founder / Principal Designer

Joyolution.com

December 2023 - March 2025

Mission : Revolutionise how people buy t-shirts by allowing them to express their true passion via an AI t-shirt design platform.

My contribution : Envisioned the product and strategy and executed design and development of the platform.

Executed various formative and summative user research techniques to explore how people decided what t-shirt to buy and why.

Designed various prototypes and designed the final version of joyolution.com .

Developed supplier relationships and created and automated workflows for our supply chain.

Outcome : The users loved the quality of the prints and found it fun to create their own t-shirts.

However, we couldn't find our product market fit.

Interaction Designer at DWP, UK

Contract via Paystream

June 2022 - December 2023

Mission : How might we reduce the time and effort taken in the appeals process of any denied claims to the Department of Work and Pensions? One of the key challenges we had to face accomplishing this mission was to reduce the time taken to reply to the claims and standardise them.

My contribution : I was part of the design exploration and build phase of the project. Where we explored various design options to figure out the best interaction for creating responses that the case workers have to write in reply to any claims raised by the citizens.

Through focused user research, we created a novel interaction pattern based on GDS design principles that allowed case workers to craft documents in a structured and standardised fashion.

I also contributed to the front end development built on NodeJs, and Express

Outcome : The proposed design saves around 30 minutes of case workers' time per appeal by bringing in the right data at the right time in an easy to use interface.

Sr. UX Designer

JPMorgan Chase & Co

November 2021 - June 2022

Mission : How might we help engineering teams measure the progress of cloud migration and help them understand what is the best step forward for the internal applications?

My contribution : Conduct various workshops with the team and stakeholder to align the product's vision with the delivery team and stakeholders.

Introduced Design Sprints to the design teams and help other teams hold design sprints.

Introduced standard best practices like User needs, Journey maps, Vision boards, etc..

Being an advocate of user research, standardised user research practices as part of every design delivery that needed research.

Designed a modern easy to use application for the engineering teams that is now used as a standard in measuring an app's health.

Outcome : The app we built is now a part of a standard for internal teams and used by the stakeholders to measure the success rate of cloud migration and understand when and where to allocate resources.

Sr. Experience Designer

Sage

November 2019 - November 2021

Mission : As part of the re-usable components library called Service Fabric,

1. How might we help all Sage products to use a unified payments system?
2. How might we help all Sage products import documents created outside of Sage products?

My contribution : Designed a unified payment service that Sage's users can use to pay their invoices using Credit Card, Debit Card, PayPal or via Direct Debit bank payments.

Designed re-usable file import service that allowed Sage users' to import various files like SpreadSheets and Word Documents.

Collaborated with various product teams to design services that suited all consuming products.

Designed an extended design system for reporting modules of various Sage products.

Outcome : The re-usable services allowed Sage teams to build product quicker and have standardised experiences for their users across various different Sage products.

UX Designer

OrangeBus

November 2018 - November 2019

Mission : Being a consulting agency, our mission was to help clients of OrangeBus to improve the user experiences of their products.

My contribution : Advised clients on end-to-end UX solutions from discovery to delivery.

Led stakeholder workshops, created experience maps, and designed concept prototypes.

There were a wide variety of projects, please refer to my portfolio for the details of some of the projects.

UX Consultant

iNET Software Solutions

March 2017 - September 2018

Mission : Help iNet Software Solutions establish as an authority in providing design services to Government Digital Services projects

My contribution : Designed a service helping prospective teachers find training courses.

Craft UX/UI of an admin-facing system for the Overseas Healthcare Team to process healthcare claims.

Outcome : Designing for productivity and efficiency of processing claims at Department of Health, reduced the time taken to process a claim from 15 minutes to less than 3 minutes.

For the prospective teacher training candidates looking to find teacher training courses, previously they had to use Google Search and scout individual university websites to find courses, now they can find all the courses in one single platform in a easy to use interface.

And many more ...