

Jagdish Kholiya

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Summary

Design-Driven Full Stack Architect & UX Engineer with over 10 years of experience building scalable, real-time applications across SaaS, e-commerce, travel, and fintech domains. Proven expertise in developing end-to-end systems using **React.js, Angular, Python, and Apache Kafka**, with a strong focus on performance, usability, and system design.

Skilled in bridging design and development through **user research, prototyping (Figma), wireframing**, and front-end engineering using **TypeScript, D3.js, and Material-UI**. Adept at architecting event-driven and microservice-based systems powered by Kafka, REST APIs, and scalable backend workflows.

Experienced in collaborating with cross-functional teams, gathering stakeholder inputs, and transforming business requirements into intelligent, production-grade solutions. Currently pursuing a **Postgraduate Programme in AI/ML**, with a focus on integrating **AI-enhanced UX and data-driven UI patterns**. Passionate about building systems that are not just functional—but intuitive, measurable, and deeply user-centered.

Experience

C Ahead Dec 2024 - June 2025

Sr Frontend Developer Remote

- Collaborated with the **South African National Parks (SANParks) executive team** to **modernize internal systems** using **React, HTML, CSS, Python** and **MySQL**, without disrupting or migrating the existing architecture.
- Conceptualized and implemented a scalable solution to optimize data utilization** within legacy infrastructure, enhancing long-term system efficiency.
- Developed a Python-based data discrepancy checker**, which significantly **improved data integrity and accuracy** across critical business operations.
- Built a Proof of Concept (PoC) Retrieval-Augmented Generation (RAG) pipeline** using **LangChain, Qdrant, HuggingFaceEmbeddings**, and **Chainlit**, enabling users to **query full-length PDFs with context-aware responses** powered by a local **LLM (Ollama)**.
- Integrated frontend and backend via REST APIs** to ensure **real-time data exchange** and **seamless user experience**, even within complex multi-tiered environments.

Independent Consultant Feb 24 - Dec 24

Independent UX Engineering Consultant Mumbai, Maharashtra

- Built responsive and reusable UI components** using **ReactJS** and **Material-UI** across multiple **SaaS MVPs**, significantly **accelerating time-to-market** for early-stage startups and founders.
- Led code reviews** and provided **frontend architectural guidance**, ensuring alignment between engineering implementation, **UX design goals**, and **product roadmaps**.
- Utilized **Figma** for **wireframing, interactive prototyping**, and **high-fidelity design**, enabling seamless **design-to-development handoff** and improved cross-team collaboration.
- Wrote and optimized complex SQL queries** for **frontend data validation, real-time dashboard metrics**, and **performance monitoring**, enhancing data accuracy and load times.
- Implemented robust **frontend-backend integration** by consuming **custom RESTful APIs**, ensuring **smooth data sync, low latency**, and a **consistent user experience** across platforms.

Midships India Pvt Ltd Aug 2023 - Feb 2024

Senior UX Designer/Developer(SME) Remote

- Architected and developed an AI-powered financial chatbot solution ("Sparrow")** using **ReactJS, Node.js, and Python**, enabling real-time automation of employee queries and internal workflows.
- Built a custom Leave Management System (LMS)** with visual dashboards using **ReactJS, D3.js, CSS, and Apache Kafka**, enhancing HR transparency, approval workflows, and team-level planning.
- Deployed the Sparrow chatbot on Google Cloud Platform (GCP)**, ensuring scalability, reliability, and secure access across internal departments.
- Created interactive prototypes and high-fidelity UI designs using Figma**, aligning user experience with core business goals and developer feasibility.

Jet2 Travel Technologies Oct 2021 - Aug 2023

Senior UX Designer Remote

- Directed five cross-functional teams** to deliver **scalable, enterprise-grade business applications** using **React, Angular**, and modern architectural best practices.
- Architected reusable component libraries** in both **React** and **Angular** to **enforce UI consistency, improve performance**, and **ensure accessibility** across a growing product ecosystem.
- Spearheaded the design and development of interactive financial dashboards** using **D3.js**, enabling stakeholders to make **data-driven decisions** through **real-time visual insights**.
- Led the UX design process** using **Figma**, producing **prototypes, user flows**, and a **centralized design system** that maintained **usability and brand consistency** across platforms.
- Integrated RESTful APIs** to establish robust **frontend-backend communication**, supporting **real-time data sync, authentication**, and **modular service architecture** for scalable deployment.

Behr Process Paints Jul 2019 - Oct 2021

Software Engineer Pune, Maharashtra

- Designed and developed intuitive, brand-aligned interfaces** for **customer and contractor portals**, ensuring **UI consistency, ease of use**, and strong visual hierarchy.
- Built responsive, interactive UIs** using **HTML, CSS, JavaScript**, and **Angular**, and **integrated REST APIs** for seamless **data exchange** and real-time updates.
- Delivered a PoC for the Behr Express site**, introducing a **dynamic color suggestion and preview tool** that **streamlined paint selection** and **enhanced customer engagement**.
- Created wireframes and high-fidelity prototypes in Figma**, continuously iterating designs based on **stakeholder feedback** and **usability testing**.
- Collaborated with US-based product and engineering teams** in an **offshore delivery model**, ensuring timely alignment with **strategic roadmap milestones**.

3Pillar Global Oct 2018 - Jul 2019

Software Engineer Noida, Uttarpradesh

- Developed dynamic front-end components using **ReactJS**, focusing on scalability and maintainability.
- Collaborated across teams to deliver seamless, full-stack web solutions.

Crownstack Apr 2018 - Oct 2018

Software Engineer Gurugram, Haryana

- Developed responsive, mobile-first websites using **HTML, CSS, React JS, Angular, Bootstrap**, and **SASS**, ensuring cross-browser compatibility and optimal performance across various devices.
- Utilized **Angular** for dynamic and scalable single-page applications (SPAs), integrating **Bootstrap** for efficient layout design and **SASS** for modular, maintainable styling.
- Implemented modern web design principles, focusing on user experience, responsiveness, and accessibility.

Hocalwire Dec 2016 - Jan 2018

Software Engineer Noida, Uttarpradesh

- Developed and maintained themes utilizing **HTML, CSS, jQuery, Node.js, Bootstrap**, and other frameworks, ensuring scalability and responsive design across devices.
- Integrated **REST APIs** to enable seamless communication between front-end interfaces and backend services, ensuring smooth data flow and user interactions.
- Conducted thorough user research and usability testing to ensure design decisions were aligned with user needs and business goals.
- Created intuitive, user-friendly designs using **Sketch**, and translated them into interactive front-end code, ensuring consistency and a seamless experience.

Icreon Communication Oct 2015 - Dec 2016

Associate Software Engineer Noida, Uttarpradesh

- Front-end development using **HTML5, CSS3**, and **JavaScript** frameworks.

Projects

TPMS System – SANParks

- Modernized internal systems using **React, HTML/CSS, and MySQL** without requiring full architectural migration.
- Built a **Python-based data discrepancy checker** and a **REST-integrated validation pipeline** to improve audit accuracy.
- Delivered a **PoC RAG chatbot** using **LangChain, Qdrant, HuggingFaceEmbeddings**, and **Chainlit** for **PDF-based natural language search** with **Ollama LLM**.

SaaS MVPs & Prototypes – Independent Consultant

- Collaborated with early-stage startups to design and develop multiple MVPs and PoCs, turning business concepts into functional digital products.
- Delivered full-stack UI implementations using **ReactJS, Material-UI**, and **Figma**, with seamless **REST API** integrations.
- Supported founders with rapid prototyping, user flow design, and reusable UI architecture to accelerate time-to-market and investor readiness.

Midships | Sparrow (AI Chatbot for Financial Services)

- Architected and developed an **AI-driven financial chatbot** using **ReactJS** and **Node.js** to streamline internal communications.
- Hosted the solution on **Google Cloud Platform (GCP)**, ensuring scalable deployment and consistent uptime.
- Integrated real-time tracking features and **NLP tuning** to improve resolution speed by 25%.

Midships | LMS(Leave management system)

- Designed and implemented a custom **LMS dashboard** with data visualizations using **ReactJS, D3.js**, and **CSS**.
- Enhanced planning decisions with **interactive dashboards** and improved the form submission success rate from 55% to 90%.

Jet2 | ATT(Auto time table)

- Designed and implemented a **React-based B2B interface** for managing flight schedules and crew assignments.
- Created a **scalable, user-friendly dashboard** using reusable components and **Material-UI** for cross-device responsiveness.
- Integrated **interactive drag-and-drop scheduling** with **real-time data updates** to streamline operations for airline staff.

Jet2 | TDS(Trade Debtor System for Financial Partners)

- Developed **interactive financial dashboards** for tracking invoices and payments using **ReactJS** and **D3.js**.
- Focused on intuitive UI workflows to support finance and business stakeholders in real-time decision-making.
- Ensured data clarity through clean visualizations and seamless integration with backend APIs.

Jet2 | HLN(Handling and navigation)

- Designed and developed an **Angular-based B2B platform** to support Jet2 staff in managing airport handling and navigation operations.
- Led **UI/UX design efforts** using **Figma**, including user flows, wireframes, and interactive prototypes to ensure usability and task efficiency.
- Built modular, reusable components with **Angular** and integrated **Angular Material** for consistent and responsive interfaces.
- Enhanced operational workflows through **real-time tracking tools** and **data-driven interaction design**.

Behr | Behr Consumer

- Designed and developed a consumer-facing website to streamline online paint and supply orders across devices.
- Created a **responsive UI** using **HTML, CSS**, and **JavaScript**, ensuring smooth cross-platform browsing.
- Integrated the **Color Smart Tool** via **Angular**, enabling **real-time color previews** and enhancing purchase confidence.
- Prioritized accessibility and usability, aligning the platform with diverse customer needs and inclusive design standards.

Behr | Behr Pro

- Designed and developed a professional-focused web platform for contractors and industry users to purchase paints and supplies efficiently.
- Built with **HTML, CSS**, and **JavaScript**, delivering a responsive, user-friendly interface optimized for seamless navigation.
- Implemented features like bulk ordering, advanced product filtering, and optimized performance for fast load times.
- Ensured cross-browser compatibility and device accessibility to meet the needs of diverse professional users.

Behr Express

- Delivered a **PoC for Behr Express**: a color suggestion and preview interface improving product selection UX.
- Developed using **Angular, HTML/CSS**, and **JavaScript**; integrated with **REST APIs** for live color data rendering.

Hocalwire | News portal themes

- Developed over 50 customizable and responsive themes for diverse media house requirements, utilizing **HTML5 Canvas** for dynamic visual elements.
- Employed **Node.js** for server-side rendering and efficient handling of theme configurations.
- Used **Jade (Pug)** templating engine to streamline **HTML generation** and enhance development efficiency.
- Designed responsive layouts with **HTML and CSS**, ensuring compatibility across devices and screen sizes.
- Focused on creating modular and reusable components to simplify theme customization and maintenance.

Education

College of engineering Roorkee 2015

Information Technology B. Tech

64%

IIIT Bangalore November 2024 - Present

ML and AI Post Graduation

- Core Machine Learning & AI Concepts** – Gain a strong foundation in supervised and unsupervised learning, deep learning, natural language processing, and advanced AI methods like reinforcement learning and generative adversarial networks (GANs).
- Practical Data Science Skills** – Develop hands-on skills in data processing, feature engineering, statistical analysis, and data visualization using Python libraries such as **Pandas, NumPy**, and **Matplotlib**.
- Model Deployment and MLOps** – Learn the end-to-end model lifecycle, including deployment, monitoring, and maintenance, with practical exposure to tools like **Docker, Kubernetes**, and cloud platforms for scalable AI solutions.
- Ethics and Impact of AI** – Understand the ethical implications and societal impacts of AI, along with privacy and security considerations in deploying machine learning models.

Skills

HTML5 User-Centered Design

CSS UX Research & Testing

JavaScript Figma, Sketch, Adobe XD

Typescript Collaboration & Team Leadership

React Campaign creation

Angular Point of sale marketing designs

Material UI Presentation & Communication

D3 JS Design Leadership

Python Wireframing & Prototyping

My SQL Agile Methodologies

Data Analysis Design Thinking & Innovation

Rest API Kafka

Languages

English

Hindi

Certifications

Atlassian Agile Project Management Professional Certificate

Atlassian

Google UX Design Certificate

Coursera

No-code Machine Learning & Generative AI on AWS

AWS

Python Bootcamp

Upgrad

Advanced Mathematics and Programming for Data Science

Upgrad

Agile Development Practices

LinkedIn

UX Research for Agile Teams

LinkedIn

Product Management: Building a Product Roadmap

LinkedIn

Career Essentials in Generative AI by Microsoft and LinkedIn

LinkedIn

Advance Your Skills as a User Experience Researcher

LinkedIn

UX Deep Dive: Foundational Research

LinkedIn

Conducting Remote UX Research Interviews

LinkedIn

Generative AI: The Evolution of Thoughtful Online Search

LinkedIn