

Yash Raj Bharti

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🐙 github.com/yashrajbharti 🔗 <https://yashrajbharti.github.io/portfolio/>

PROFILE

- I am Yash Raj, the purveyor of Front-facing applications and User Experience at CYBTEKK ITVERSE LLP.
- I specialize in UX & performing dev operations: HTML, CSS, & JS with Responsive, Adaptive, & Redaptive design.
- I'm a stickler for standards such as W3C Standards and **Accessibility**.
- I write clean, standard-based semantic markup optimized to deliver exceptional UX/UI.
- I am also an open-source contributor for platforms like Liquid Galaxy, MDN, and **Google Chrome**.

SKILLS

HTML, CSS, JavaScript, TypeScript, Svelte, NodeJS, Flutter, Java, Python, KML, Git, HTTP Auth, XSS, Networking, Visualization, Figma, Sketch, Blender, Prototyping, Usability Testing, Design Patterns, OOP, W3C Standards, Accessibility, SQL Basics

EXPERIENCE

User Experience Lead

May 2023 – present

CybTEKK ITVerse-LLP

StoneTEKK - Stone Industry Management System

- Led the talented team of designers and developers to create a **collaborative** environment, creating a Stone Inventory Management tool as an innovative UX solution.
- Worked in both design and development aspects, wearing multiple caps from Figma to JS and writing complex algorithms to solve **user needs**.

Township - Society Management System

- **Empathized** with the refinery's society to draw the roadmap for creating a user-friendly asset and property management tool offering complex visualizations of sentiment analysis from feedback scores.
- Researched, with a **primary** focus on the needs of staff engineers, on digital registers and delivered robust solutions, reducing steps and time by **66%** with enhanced UX within 3 months.

Google Summer of Code (GSoC) Mentor

2022 – present

Liquid Galaxy (Google Summer of Code)

Liquid Galaxy is an open-source project founded by **Google** in 2008.

- **Maintainer** of Liquid Galaxy project Website and responsible for managing proposals and interviewing contributors.
- Built the La Palma Volcano Eruption Tracking Tool that captured the Cumbre Vieja volcano eruption in Canary Islands, Spain to help track catastrophic activities through **visualization** over the Liquid Galaxy.
- Designed and Implemented an innovative and **first-ever** UX that allows one to seamlessly navigate the cluster of Google Earth controlled through touch interactions made on **Google Maps**.

Technical Head and Advisor

2019 – 2023

Kashiyatra Technical Team

Kashiyatra is the annual socio-cultural festival of Indian Institute of Technology (BHU) Varanasi.

- Led the design and development of the Kashiyatra Website by mentoring developers and **collaborating** with designers to produce optimum **UX** with performant code leading to a subsequent **30%** increase in target audience.

EDUCATION

Integrated Dual Degree (IDD)

2018 – 2023

Institute of Technology (BHU) Varanasi

Completed Bachelor's and Masters with Metallurgical Engineering at IIT BHU with a CGPA of 9.

PERSONAL PROJECTS

WebAR

- Implemented a unique and **scalable** user experience for shopping using web AR libraries that guide users through the workflow from advertising to purchasing tested to potentially increasing sales by **25%** and customer retention by **70%**.
- A virtual showcase CX to implement Augmented prototyping for product development.

EVENTS

Talks at Google

Oct 2022

Speaker at **Talks at Google** (Google Summer of Code Virtual Contributor Summit) event, showcasing the La Palma Volcano Tracker App and it's innovation in the field of UX and visualization onto the liquid galaxy.