![WorqHat logo]

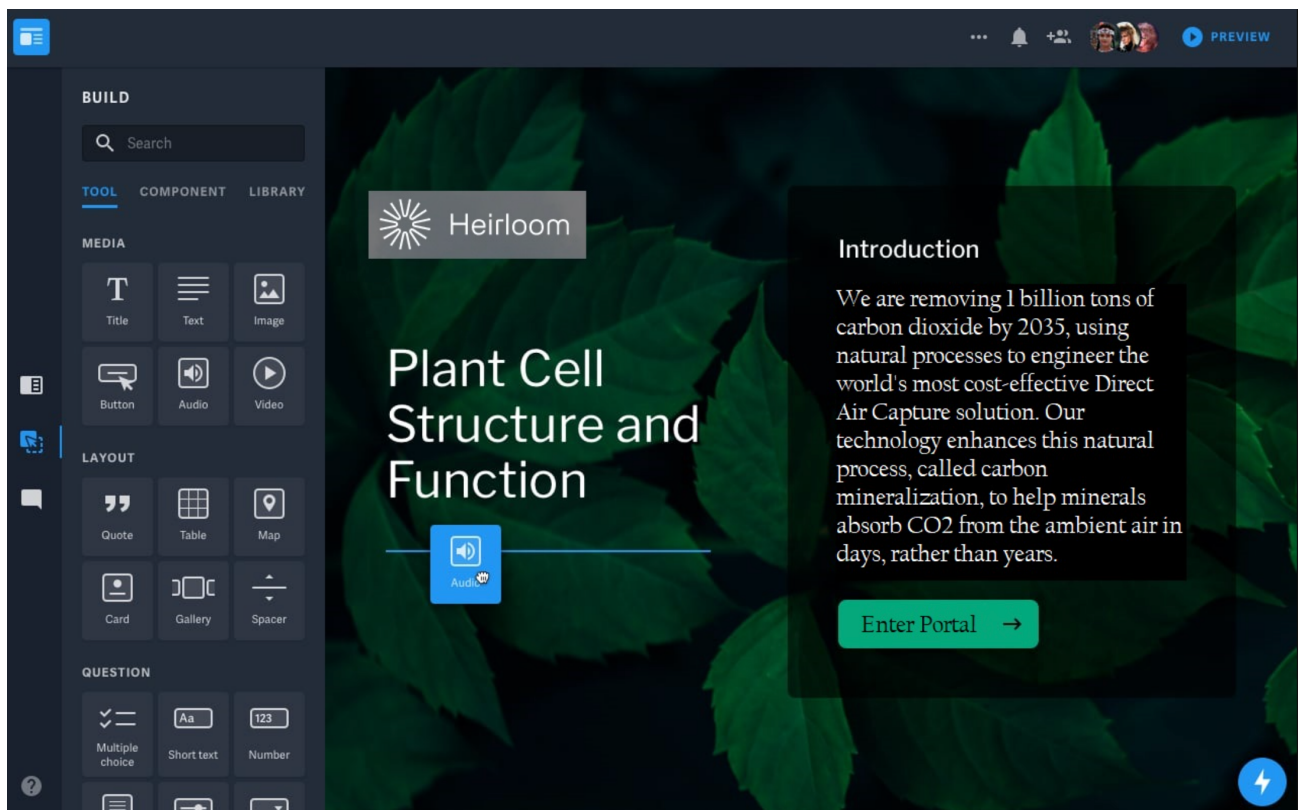# Build Enterprise Web Applications with Conversational AI

Overview

WorqHat allows businesses to build complex Web Applications such as Internal Tools, Customer Portals and Data-Driven Dashboards through Simple Conversations and Generative AI.

It's time to make the team-members 50% more productive by reducing Tech Dependencies.

We use Specifically Trained Enterprise Level Models to make sure a lot of the Organization's Tasks can be automated. These models are trained from scratch on Common Web Data and over 100K Customer Complaints and Responses. The models auto fine-tune themselves in a secure manner to align itself to every organizations needs.

So private, custom models to automate every part of your Work through conversation.

The Application Interface

The Problem

Companies spend 4.5 trillion dollars on IT each year, with internal tools taking up an increasing slice of the pie. Businesses run on a lot of manual processes, and manual processes can often be made more efficient with the right internal tooling.

While working extensively as a freelancer, I noticed recurring challenges faced by small companies and startups in building and managing digital products.

A significant amount of time and resources was allocated to handling endless spreadsheets, customizing workflows, and developing internal tools from the ground up. This investment seemed disproportionate as internal tools and dashboards are made from simple components such as Forms, Dashboards, User authentication systems, maps and charts, but they end up spending a lot of cash and engineering hours in building these tools.

More software, more problems?

Organizations that have too many SaaS tools aren't quite integrated with each other and this can mean lost time, excess context-switching, and diminished productivity.

Moreover, using multiple applications for different tasks added a layer of complexity leading to disorganized and scattered data. This problem was not only prevalent

among my clients but was also a challenge in building our own organization.

Having firsthand experience in this domain, I could see a critical need for a unified platform that would simplify data management and increase productivity. The idea was to provide a No Code Platform which could enable every user to easily build complex applications and automated dashboards through user-friendly interfaces and simple conversations. By doing so, we could potentially transform how small to medium-scale enterprises manage their operations, customers, and internal tooling processes as it would reduce the cost and dependency on engineering these tools.

The Solution

WorqHat is an AI-powered visual interface that allows users to create custom internal tools, customer dashboards, and data management tools without needing to write a single line of code. Through simple conversations, users can guide the platform to build their desired enterprise web application.

We also have our own Large Language Models (LLMs) with 2 different configurations. One is a **15B** Parameter model and the other is a **50B** Parameter model.

WorqHat not only creates the UI for the application but also provisions a complete database and enables user roles and authentication methods. This means that users do not need to learn how to code to create complex applications. The platform provides a Photoshop-like interface and AI assistance to assist users in creating their desired applications.

WorqHat uses foundational generative models that are fine-tuned to ensure that users have a top-notch experience when creating business content. Unlike most AI models today, WorqHat has content personalization capabilities that work in hand with the user's data. The platform does all the heavy lifting, such as provisioning backend servers, optimizing the speed of operations and data processing, creating a minimalistic UI, compressing data, creating API endpoints for Database Management and workflow, and automating deployment processes. This allows developers and business owners to focus on running their businesses rather than building custom software.

With the highest focus on performance & security, every organization gets a Workspace hosted on Custom Machines which means they have all control of their data, and any fine-tuned model that is created never used to train the base models.

The Founders

Name	Role	
Sagnik Ghosh	*Co-Founder || CTO*	*I look mainly into building the Product. With experience as a Freelancer building small-scale applications and web apps and then as a Contributor for Firebase Documentation, I handle Tech, ML and the Customer Outreach Process at WorqHat.*
Susmita Ghosh	*Co-Founder || COO*	*Coming from a Commerce Background, she mainly looks into the complete Hiring Process for Interns, manages day-to-day finances and takes care of Legal Compliances.*

Market Size and Analysis (India)

	Number of Organizations	Market Size
Total Available Market (TAM)	63 Million	**27 Billion USD**
Serviceable Available Market (SAM)	38 Million	**15.96 Billion USD**
Serviceable Obtainable Market (SOM)	30.4 Million	**12.77 Billion USD**

For market size, we consider India, which has approximately 63.3 million Micro, Small & Medium Enterprises (MSME) that contribute 33% of GDP and it is envisioned that it

would account for 50% of India's GDP in the next five years i.e., in 2028.

We assume an average organization size of 10 Users and we charge them $35/Workspace/month (additional Users are charged as an add-on)

SAM: $35*12Months*38M = **$15.96B** (From the Total Indian Market Size of 63.3M MSMEs we have removed < $100K turnover Industries but considered Startups & Solopreneurs).

SOM: $35*12Months*30.4M = **$12.77B** (From the Total Indian Market Size of 63.3M MSMEs we have removed Medium and Large Enterprises).

For our Workspace, we could make $35*12Months*7.6M = $3.19B (We have considered that we can penetrate 25% of SOM).

Competition Analysis

Organization	Weaknesses
JESTOR	No Code Apps & Workflows for Operations. Focuses on the LATAM market only
RETOOL	Low Code Solution built for Developers to build tools. Targets only a smaller market of Devs.
GOOGLE APPSHEET	Conversational Builder Packaged with Google Workspace. Very Expensive. Not available as an independent product

Roadmap and Milestones

- Released our Foundational Models as a Chat Interface for User Feedback
- Released the Enterprise Studio to enable Organizations to Train their Own Data and add it to their applications as a Plug and Play API
- Pilot for Automated Data Tables and Automation Workflows with Universities and their Events (MIT-WPU, VIT Pune, MIT-AOE)
- Working to enable Fine-Tuned Model with organizations like Myntra, Bloomberg, Avoma. Thermax, MIT and Amway Taiwan.
- Complete the Beta Release of the Complete Platform by the Last Week of December.
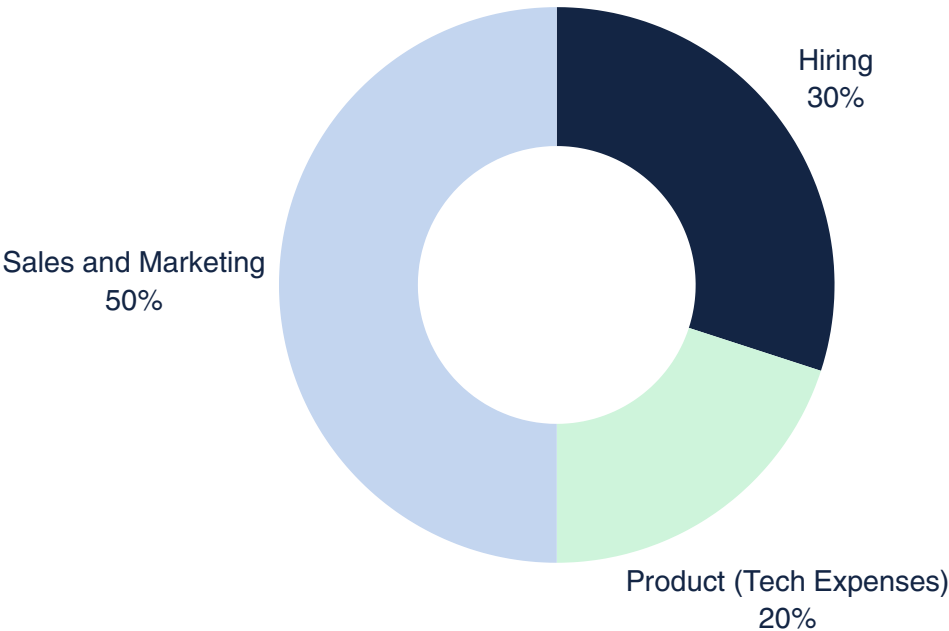
- We have worked with smaller organizations building No-Code Products for Alivio Healthcare, UClean Laundry Brands and a local medical supply chain.
- We are also talking to several Power Boiler and Mechanical Companies like Thyssenkrupp, Alfa Laval to onboard them as Enterprise Customers.
- We have also entered into a Partnership with Amazon Web Services, to provide Private GPU Based Containerization Facilities to all organizations that are getting onboarded.

We released our AI Models in March 2023 in the form of a Conversational Playground to get Model Feedback and started rolling out Workspaces to users in August 2023

18,600+	260+	7,500+
Users	Workspaces	Waitlist Orgs

Budget Plan

This is the breakdown of how we are going to be utilising our Current Financial Resources and even after further Financial Rounds as well. As most of our Technical Backend is covered under Credits, we don't have to worry about major Technical Spends.

Hiring
30%

Sales and Marketing
50%

Product (Tech Expenses)
20%

For Further Inquiries

www.worqhat.com | + 91-9960806748 | sagnik@worqhat.com

Visit our AI Playground at https://worqhat.com/playground