

LIVELIHOODS & SKILLING

Livelihoods & Skilling

Pilot District
Washim, Maharashtra

**Geospatial
Innovation Accelerator**
SINE, IIT Bombay

Technology Summary

Our Hiring platform uses Geospatial data to connect job seekers with nearby work opportunities. Job seekers upload their resumes, and the system automatically reads their details, like skills, experience, and location. They can find jobs on an interactive map, set their preferred travel distance, and receive instant alerts when new jobs become available nearby. The platform shows travel time to each job and lets users indicate if they're open to relocating. Recruiters can search for candidates based on distance from their office and see where applicants have worked before. The system highlights local talent and shows who's willing to relocate. Candidates appear as clusters on the map, making it easy to find qualified people in specific areas. Recruiters can filter by skills, experience, and education, then run targeted job campaigns for particular regions. The platform automatically flags when someone applies from far away, helping recruiters make faster, smarter hiring decisions focused on finding the right local talent.

Technology Readiness Level

6

Value Proposition

Our platform makes finding local jobs in Washim easy with a map-based interface and location matching. Quick sign-up and auto resume reading get users started fast. Real-time alerts and travel info help users stay updated. The system is scalable for nearby districts, mobile-friendly, and can handle large numbers of users across Maharashtra.

Market Potential / Deployment Plan

The platform has market potential, beginning with Washim by targeting job seekers and local businesses, and expanding to neighboring districts and eventually statewide in Maharashtra. With growing demand for digital job discovery, quick hiring, and location-based matching, features like OTP sign-up, auto resume reading, and real-time alerts increase adoption among users. The deployment plan starts with a Washim launch to gather feedback, followed by expansion using a scalable GIS architecture and radius search. Mobile apps with a mobile-friendly design will enhance user experience, while cloud infrastructure and advanced filtering ensure smooth handling of larger talent pools as the platform scales across the state.

Applications -

- Find local jobs on a map.
- Auto-read resumes for skills, experience, and location.
- Show travel time and preferred distance.
- Send instant job alerts.
- Track candidates willing to relocate.
- Recruiters search by skills, experience, and location.
- Highlight local talent and candidate clusters.
- Flag candidates applying from far away.
- Filter candidates by education, job type, or industry.
- Help recruiters hire faster and make better decisions.
- Mobile-friendly for easy access anywhere.
- Scalable system for multiple districts or statewide use.

Environmental / Social Impact

The platform positively impacts the environment by reducing travel through local job discovery and minimizing paper-based processes. Socially, it connects people with nearby jobs, helps businesses hire local talent, and improves transparency and efficiency in recruitment, benefiting both job seekers and employers in real time.

Contribution to Sustainable Development Goals (SDGs)

SDG 8, 9 & 11

