

MIND SPIRIT 2025

TITLE PAGE

SheSkills

Empowering Women Through Talent, Safety & Opportunity



Theme : Femine Shakti(Women Empowerment)

App Category: Software

Team Name: Bold Bytes

Team ID: TM-FS-016

Team Members:

- 1.GANTA.PRATHYUSHA
- 2.MADHUSRI MAHALAKSHMI SANKU
- 3.MOTATI VENNELA

OVERVIEW

SheSkills is a women-centric skill discovery and empowerment platform designed to bridge the gap between skilled housewives and individuals seeking trusted local services. Across many communities, housewives possess remarkable talents in areas such as tailoring, mehendi design, home cooking, beauty care, and other home-based skills. However, due to limited visibility, safety concerns, and household responsibilities, many of these women are unable to convert their skills into sustainable earning opportunities. Traditional full-time employment is often not feasible for them, which makes flexible, part-time work from home an essential need.

The SheSkills platform addresses this problem by providing a secure digital space where women can present their abilities, upload samples of their work, and connect with nearby customers without compromising their privacy. A key strength of this application is its **privacy-first approach**, where sensitive details such as phone numbers and exact home addresses are never revealed. Instead, the app uses approximate location mapping and secure in-app communication to ensure that interactions between customers and service providers remain safe and controlled.

Designed with a simple and intuitive interface, SheSkills is accessible even to women with low digital literacy. It allows them to create verified profiles, manage service requests, and build a reputation through ratings and reviews. Customers benefit by easily discovering reliable, community-based women service providers in their locality. By empowering housewives to earn part-time income from the comfort of their homes, SheSkills promotes financial independence, boosts confidence, and supports a stronger role for women in local economies. The platform aligns with national initiatives such as Digital India and Skill India by encouraging digital inclusion and leveraging technology to create meaningful social impact.

FEATURES

Feature	Description
Skill Showcase	Allows housewives to display their talents such as tailoring, mehendi, cooking, and beauty services using work samples and profile descriptions.
Privacy-Protected Local Discovery	Users can find nearby women service providers through approximate location mapping, ensuring safety without exposing exact addresses.
Secure In-App Communication	Encrypted chat system enables safe communication between users and service providers without revealing phone numbers or personal details.
Verified Profiles	All service providers undergo admin verification to ensure authenticity, trustworthiness, and platform credibility.
Ratings & Reviews	Customers can rate and review services, helping build trust and increasing visibility for high-performing women service providers.
User-Friendly Interface	Simple, intuitive design suitable for women with low digital literacy, ensuring easy navigation and accessibility.
Flexible Part-Time Earning	Women can accept requests based on their availability, enabling convenient, home-based, part-time earning opportunities.
Safe Interaction System	Masked details, moderated communication, and controlled visibility ensure a secure environment for women.
Service Provider Dashboard	Easy-to-use dashboard for managing requests, updating profiles, tracking ratings, and monitoring performance.
Scalable Community Platform	Designed to support multiple service categories and expand across regions while promoting local community empowerment.

TECH STACK

- Frontend (Mobile / Web):** React (Web) or Flutter (Web + Mobile)
- Backend / Serverless:** Firebase (Authentication, Firestore, Cloud Functions)
- Database:** Cloud Firestore (NoSQL)
- Storage:** Firebase Storage
- Location Handling:** Browser / device Geolocation API + client-side rounding (3 decimals)
- Communication:** Firestore-based chat (in-app messaging)
- Hosting:** Firebase Hosting / Vercel (for static web)
- Payments (optional MVP):** Link to external payment or Razorpay sandbox (India)

USAGE GUIDE

User (Customer) Usage Flow:

1. Open the SheSkills app or web interface.
2. Allow approximate location access (for nearby service discovery).
3. Search for a service (tailoring, mehendi, cooking, beauty, etc.).
4. Browse verified profiles of skilled housewives in the locality.
5. View skill details, pricing, portfolio samples, and ratings.
6. Send a service request through secure in-app chat.
7. If the worker accepts, finalize the booking details.
8. Receive the service and rate the provider based on experience.

Service Provider (Housewife) Usage Flow:

1. Register with basic details and upload skill information.
2. Add work samples to showcase expertise.
3. Wait for admin verification before the profile goes live.
4. Receive customer requests through the app.
5. Accept or reject based on availability.
6. Communicate safely through in-app chat (no phone numbers shared).
7. Complete the service and improve visibility through ratings.
8. Track earnings and update skills through the dashboard.

CONCLUSION

The SheSkills platform represents a meaningful step toward empowering housewives by transforming their skills into sustainable earning opportunities. Through its privacy-first design, easy-to-use interface, and secure communication model, the application addresses some of the major challenges faced by women—such as safety concerns, lack of visibility, and limited access to formal employment. By enabling approximate location-based

discovery and verified profiles, SheSkills creates a safe and trusted environment where customers can connect with skilled women in their own communities.

The project not only promotes **financial independence** for housewives but also supports their desire for flexible, part-time work that fits within their family responsibilities. This contributes to both personal and economic empowerment, enabling women to gain confidence, recognition, and a sense of identity beyond their household roles. Additionally, by digitizing local services and creating opportunities for micro-entrepreneurship, SheSkills strengthens community networks and supports the broader goals of **Digital India, Skill India**, and women-led development initiatives.

Overall, SheSkills is more than just an application—it's a platform for social change. It aims to unlock the hidden potential of women, build safer digital ecosystems, and foster a community-driven economy where talent is valued and opportunities are accessible. With further development and scaling, SheSkills has strong potential to become a powerful tool for uplifting women and driving positive transformation across society

