# SYRUS HACKATHON 2025

**Category Code:** Open Innovation

**Problem Statement Title:** Empowering Women Through a Centralized Digital Platform

**Team Name:** $ git commit -m "issues"

**Institute Name:** Vivekanand Education Society's Institute of Technology

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# Idea / Approach details (& implemented features)

## Community Support

**Discussion forums** for *health*, *legal rights*, and *career growth* offer a safe space with **anonymous participation**, ensuring privacy and fostering a sisterhood no generic platform can match.

## Financial Independence

**AI-driven job matching** and **freelance gig listings** tailor opportunities to women's skills and dreams, redefining economic empowerment with unmatched precision.

## Health Tracking

**Menstrual health tracking**, **self-defense resources**, and **mental health tools**—designed for all tech levels—create a holistic, woman-focused wellness hub no other site rivals.

## Safety & Legal Assistance

**Anonymous domestic violence reporting**, **emergency alerts**, and **encrypted communication** deliver unmatched safety and justice, protecting women with cutting-edge security.

# Innovation (Showstopper)

Astitva stands out due to its all-in-one approach, combining safety, employment, health, and community support in a single platform tailored for women. Key innovative features include:

## ✦ AI-Powered Chatbot

Provides **instant**, personalized responses to legal, health, and career queries, enhancing user support using **RAG.** Built with **Gemini AI**, uses **NLP** for **90%** accurate responses to legal/health queries.

## ✦ SheFund Crowdfunding

A dedicated mechanism to **fund** women's emergencies and gender-equality projects, fostering **community-driven** solutions. Integrates a **vetting** process with NGO partners to ensure **credibility** and **transparency**, building trust among donors and recipients.

## ✦ Encrypted Privacy

**Secure communication** ensure user safety and trust, critical for sensitive issues like domestic violence.

Features **end-to-end encryption** and **IP masking**, making it impossible to trace users even in high-risk situations.
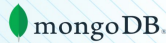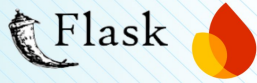
## ✦ Real-time Mapping

**Real-time mapping** of essential resources, making help accessible even in urgent situations.

**OpenStreetMap** integration pinpoints 200+ resources in 5 cities

# Tech Stack

**BACKEND**

**FRONTEND**

◆ **Backend**

- Flask – Lightweight yet powerful, enabling rapid API development and seamless integration.
- Gemini AI – Provides smart chatbot assistance for legal, health, and career-related queries.
- MongoDB – NoSQL database ensuring flexible, scalable, and high-speed data storage.
- OpenStreetMap – Enables real-time geolocation mapping for finding shelters, job centers, and medical facilities.
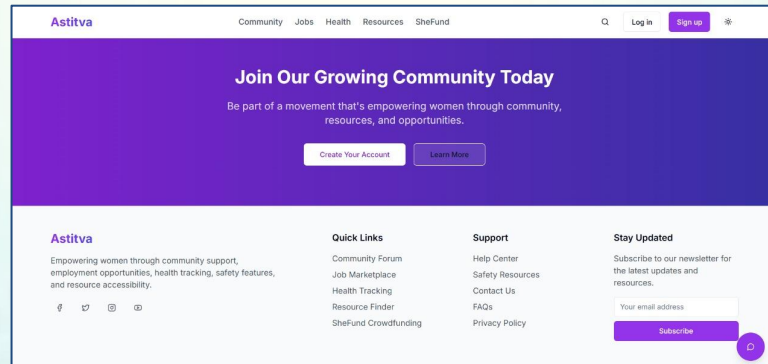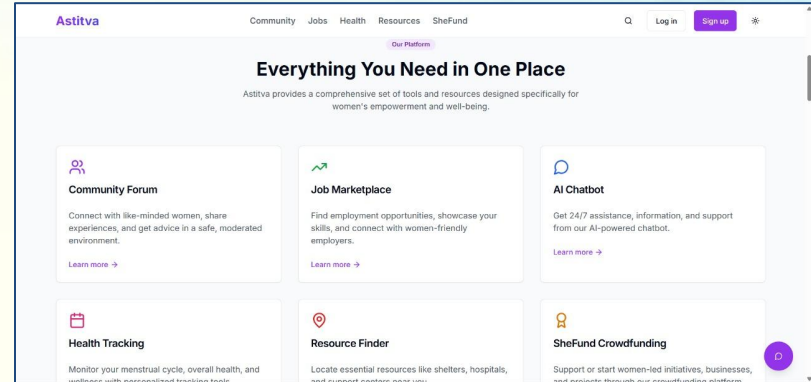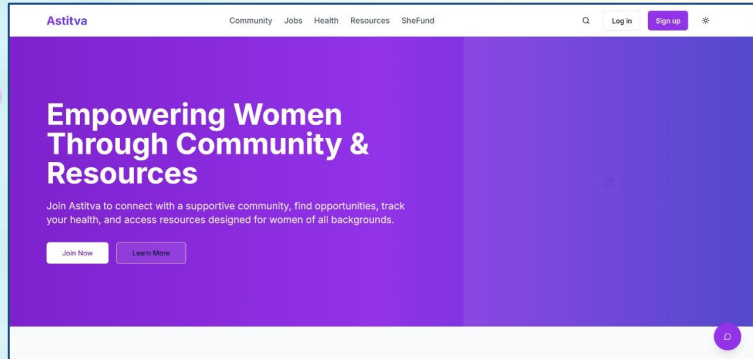- AWS – Cloud services for secure data storage, hosting, and high availability.

◆ **Frontend**

- React.js – Builds an interactive, dynamic, and scalable user experience.
- Tailwind CSS – Provides a sleek, modern, and mobile-responsive UI.
- Framer Motion – Adds smooth animations for an engaging and user-friendly interface.

# Implementation/Prototype/Use Case Diagram (screenshots)

# Future Objectives

1. AI & Innovation
   - Smarter AI support (Gemini)
   - Predictive safety/health alerts

2. Revenue Streams
   - Premium career services
   - NGO/government partnerships

3. Scaling Impact
   - Rural outreach via NGOs
   - Government integrations

**For every woman who joins Astitva, we unlock a ripple effect—stronger families, economies, and communities.**

Expanding Reach

Building Partnerships

**Astitva**

AI Enhancement

Monetization

User-Driven Development