

## WEBX-CA REPORT

Name of Student	Ansh Sarfare
Class Roll No	D15A_49
D.O.P.	20/3/2025
D.O.S.	27/3/2025
Sign and Grade	

**Title:** Upnest

### **Project Description:**

UpNest is a full-stack web application designed to empower learners by recommending skills tailored to their interests and allowing them to explore diverse learning areas. The platform also enables users to discover and participate in active hackathons, enhancing practical exposure and collaboration.

The application focuses on a personalized user experience through features like skill suggestions, hackathon listings, OTP-based authentication, and dynamic user dashboards. With a seamless interface and efficient backend logic, UpNest helps users streamline their upskilling journey.

### **Technologies Used:**

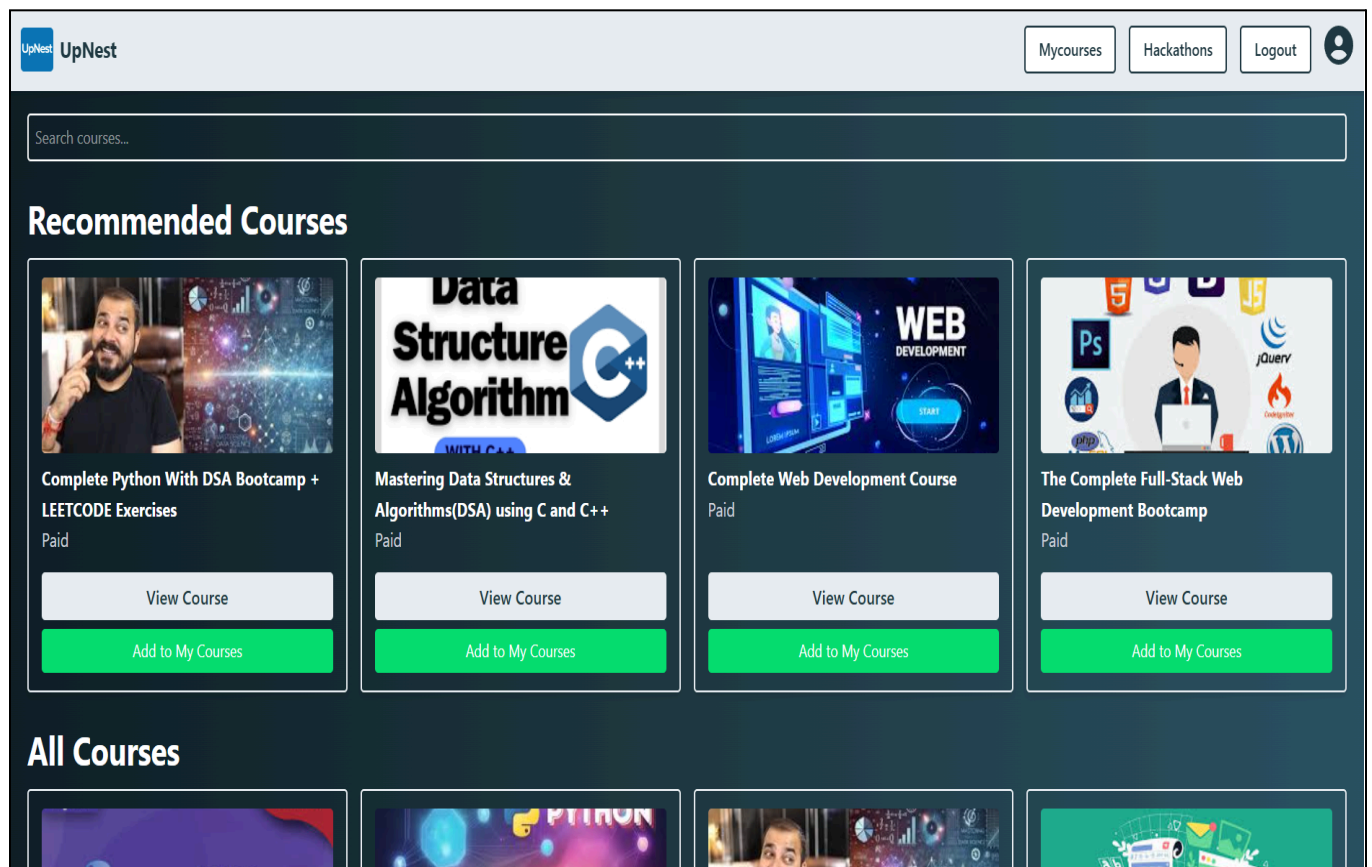
- **Frontend:** React.js, TypeScript, Tailwind CSS
- **Backend:** Flask (Python)
- **Database:** MongoDB Atlas
- **Tools & Platforms:** VS Code, Postman

## Features Implemented:

- AI-powered skill recommendations
- Hackathon participation and listing
- OTP-based secure authentication
- Personalized learning dashboard
- Seamless profile-based navigation

## Output:

### Courses page:



## Mycourses page:


UpNest

Mycourses

Hackathons

Logout


My Courses



JavaScript One shot  
Free

View Course


Remove



Java Programming Masterclass for Software Developers  
Paid

View Course


Remove



Machine Learning A-Z, 4: Hands-On Python & R In Data Science  
Paid

View Course

Remove



Complete Web Development Course  
Paid

View Course

Remove

## Hackathons page:


UpNest

Mycourses


Hackathons

Logout


Apps to Explore




Unstop  
[View Details](#)




Devfolio  
[View Details](#)



HackerEarth  
[View Details](#)



Devpost  
[View Details](#)



hack2skill  
[View Details](#)


UpNest

Mycourses


Hackathons

Logout


Odd Sem Hackathons



Smart India Hackathon  
[View Details](#)




MumbaiHacks  
[View Details](#)




EthIndia Hackathon  
[View Details](#)


Even Sem Hackathons



HackIndia  
[View Details](#)

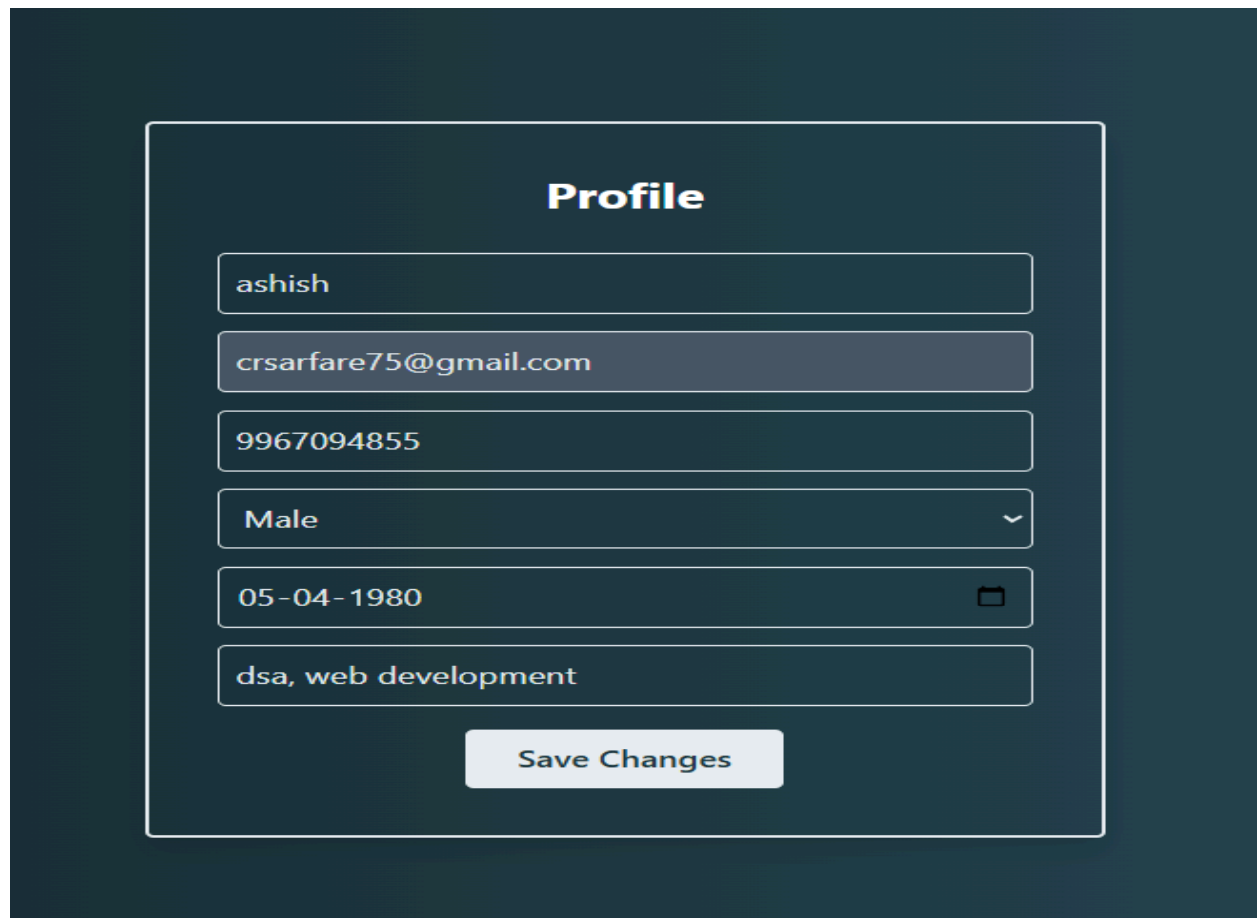


GDG Hackathon  
[View Details](#)



The Great Bengaluru Hackathon  
[View Details](#)

## Profile Page:



**Profile**

ashish

crsarfare75@gmail.com

9967094855

Male

05-04-1980

dsa, web development

Save Changes

## Conclusion:

Built a full-stack skill enhancement platform successfully using React, Flask, and MongoDB. The platform allows users to explore and get recommended skills, participate in hackathons, and manage their personalized learning. We implemented secure user authentication, OTP verification, and stored user-specific course data in the database. All essential CRUD operations are fully functional, ensuring a smooth and dynamic user experience.