



GenAi Exchange Hackathon 2025 (Google Cloud)

Project 1: Student Study Guide Generator

Project 2: AgriMentor AI-powered Career & Crop Advisor for Farmers

- Live Project Link :
 1. Project : <https://shyamdesale.github.io/study-guide-generator-project/>
 2. Project : <https://shyamdesale.github.io/Agri-Tech-Mentor-Ai/>
- **Project 1: Student Study Guide Generator :-**

1. Overview :-

CodeRush is an AI-powered personal study guide and career companion designed to make learning smarter and career planning easier. It helps students by creating personalized notes, study plans, and quizzes instantly, saving valuable preparation time. Along with academics, it also offers career tools like skill-gap analysis, career roadmap, and AI resume builder to guide students towards better opportunities. The platform ensures accessible, efficient, and future-ready learning for every student.

2. Problem Statement :-

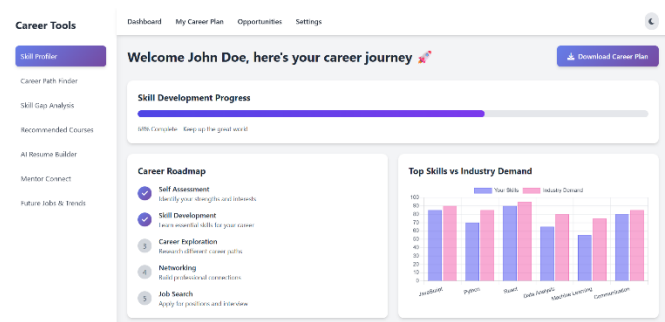
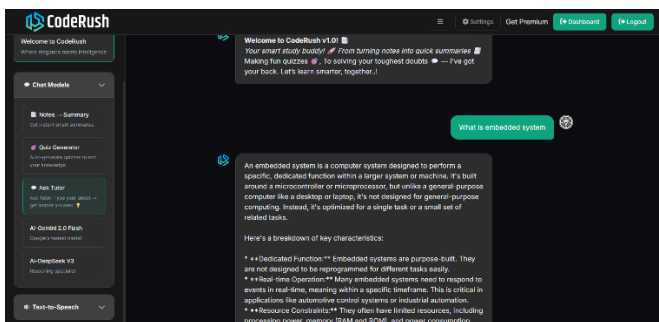
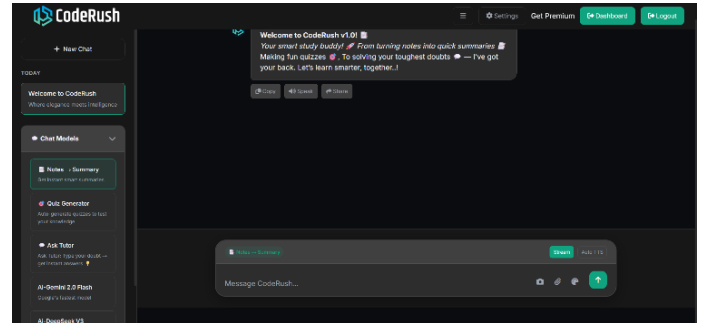
Students often struggle with organizing vast amounts of study material before exams. Manually preparing notes is time-consuming, unstructured, and sometimes incomplete. A solution is needed to automatically generate customized guides for faster learning.

3. Solution & Features :-

- a) Personalized Notes & Study Plans – AI se tailored content for better learning.
- b) Auto-Generated Quizzes – Practice & self-assessment made easy.
- c) Career Roadmap – Step-by-step guidance for future growth.

- d) Skill Gap Analysis – Identifies missing skills & suggests improvements.
- e) AI Resume Builder – Professional resumes for internships & jobs.

4. Demo Screenshots :-



5. Impact & Future Scope :-

- a) Smarter Learning – Personalized notes & quizzes boost study efficiency.
- b) Time-Saving & Accessible – Anytime, anywhere study support.
- c) Career Ready – Skill analysis & roadmap improve job opportunities.
- d) Expansion Scope – Multi-language support & mobile app launch.
- e) Industry Connect – Future tie-ups with companies for jobs & internships.

- **Project 2: AgriMentor AI-powered Career & Crop Advisor for Farmers**

1. Overview :-

AgriMentor AI is an AI-powered farming and career advisory platform built on Google Cloud technologies. It helps farmers optimize their agricultural practices, get personalized crop guidance, and receive career support. By simply entering the crop, location, and challenges, farmers receive real-time AI-driven advice tailored to their needs.

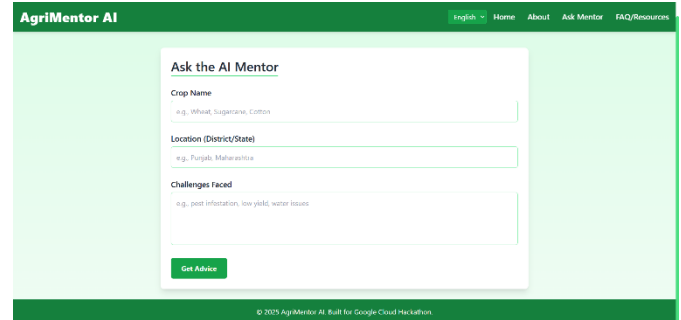
2. Problem Statement :-

Farmers often face critical challenges such as low crop yield, pest infestations, unpredictable weather, and lack of access to timely expert advice. Additionally, many farmers struggle with limited career guidance and awareness about modern agricultural practices, which reduces productivity and long-term growth. Traditional advisory services are either expensive, time-consuming, or inaccessible to small and medium farmers.

3. Solution & Features :-

- a) Personalized Crop Advisory – AI-driven suggestions based on crop type, location, and challenges.
- b) Pest & Disease Management – Early detection and solutions for infestations and crop health issues.
- c) Weather & Yield Insights – Guidance on irrigation, soil, and weather conditions for better productivity.
- d) Career & Training Support – Helps farmers explore agri-related career transitions and skill development.
- e) User-Friendly Platform – Simple input form with instant AI advice, accessible to all farmers.

4. Demo Screenshots :-



5. Impact & Future Scope :-

- a) Improves crop yield with AI-powered guidance.
- b) Saves cost by reducing pest & weather-related losses.
- c) Empowers farmers with easy and accessible solutions.
- d) Expands through multi-language support & mobile app.
- e) Future-ready with AI upgrades, partnerships, and global scalability.

ThankYou..!