

# Basic Details of the Team and Problem Statement

Byte erse

Problem Statement: Many students and professionals waste valuable time due to unclear career paths. Without a structured and personalized plan, achieving a career goal becomes inefficient and stressful.

**Team Name:** Simple Coders

Institute Name: National Institute of Technology, Patric

Theme Name: Quality Education







## Idea/Approach Details

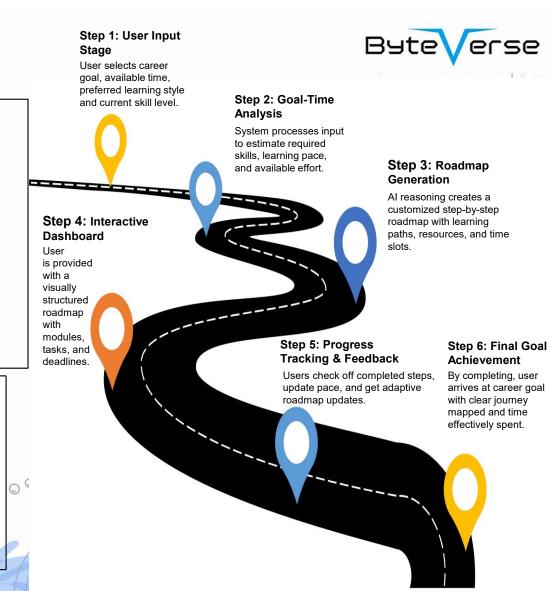
### Describe your idea/Solution/Prototype here:

- A personalized career roadmap generator website.
- •Users enter their desired career (e.g., Data Scientist, Web Developer) and their available time.
- •The system creates a clear, step-by-step learning plan with resources, estimated effort, and timelines.
- •The roadmap evolves dynamically based on progress and feedback.
- •Helps users in avoiding confusion, saving time, and achieving their objectives effectively.

#### Describe your Technology stack here:

- •Frontend: React, Tailwind CSS
- ·Backend: Node.js, Express.js, MongoDB
- Others: FlowBite, OpenAl api, jsonwebtoken

(JWT), zod, bcrypt hashing.





## Idea/Approach Details



## Describe your Use Cases here:

- •A student wants to become a Data Analyst within 6 months.
- •A working professional aims to switch to AI in 1 year.
- •A college graduate unsure where to begin their chosen career path.
- •Institutions offering guidance through this platform to their students.
- •A software engineer in a service-based job wants to switch to Full Stack Web Development within 6 months.
- •A gap-year student who has upskilled or has redirected career streams. The tool provides them with a structured timetable so they don't lose time and remain focused.

#### **Describe your Dependencies/Show Stopper here:**

- Accuracy of the roadmap depends on highquality career data and resources.
- •Back-end AI model building delay can affect personalized output.
- •Need for frequent updates and maintenance to keep content relevant.
- •User motivation and input quality directly influence success rate.





## **Team Member Details**

**Team Leader Name: Ankit Kumar** 

Branch : BTech Stream : EE Year : III

**Team Member 1 Name: Nandini Kumari** 

Branch : BTech Stream : EE Year : III

Team Member 2 Name: Vansh Gupta

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