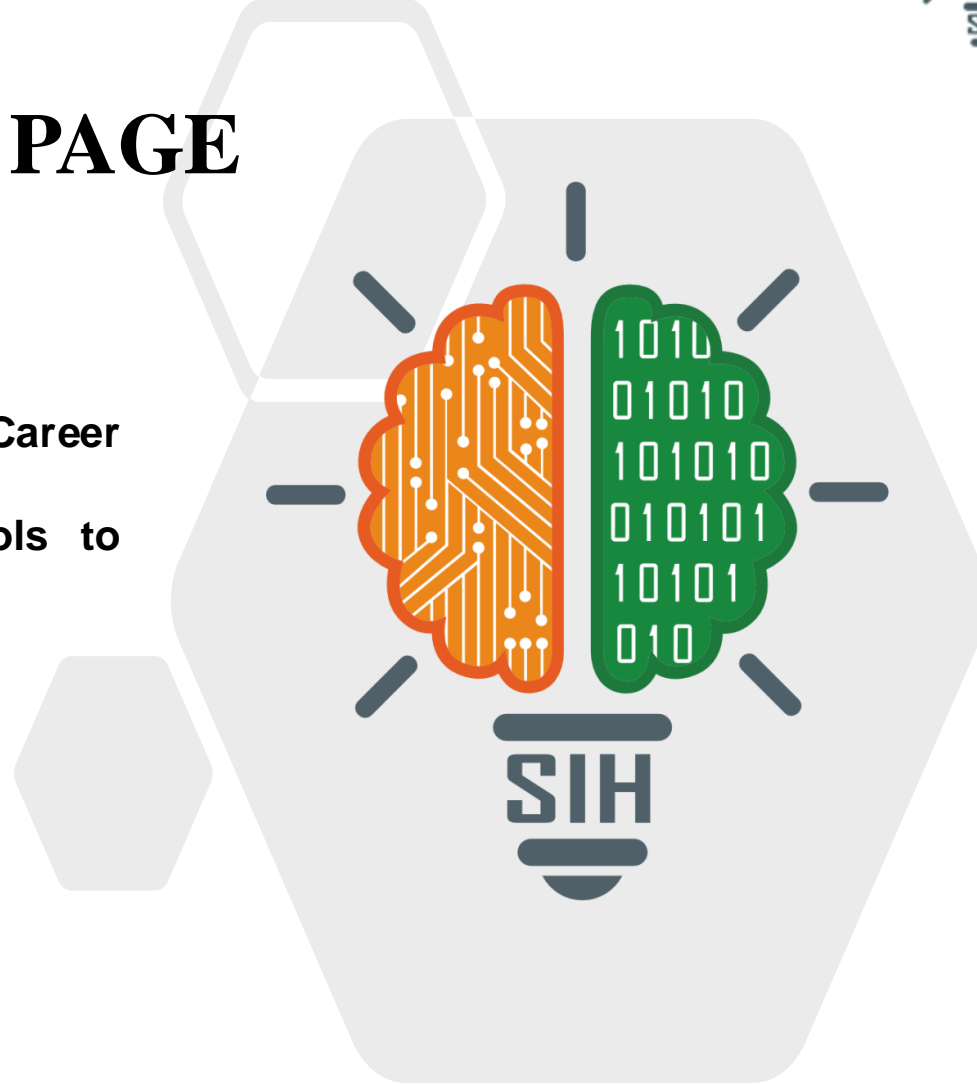


SMART INDIA HACKATHON 2024



TITLE PAGE

- Problem Statement ID – 1666
- Problem Statement Title- Develop Effect Career Counselling and Guidance Programs in Schools to Enhance Student Career Choices
- Theme- Smart Education
- PS Category- Software
- Team Name – Omega Bytes



IDEA TITLE

IDEA/SOLUTION :

Enactment of **Career Guidance and Counselling Program Initiative for School Students** .

- Fostering **Holistic Development** in Students.
- **Cultural Immersion** for Cross – Disciplinary Engagement.
- **Enriching Students Educational Experience** with broader set of Skills and Perspectives.

Issue Resolution :

- An **Introductory resource** for students, providing **foundational guidance** and **Insights**.
- Exposure to **Diverse Career Opportunities** which are often-overlooked.

Uniqueness/ Originality:

- A website that provides personalized career recommendations based on your **interests** and **personality**, incorporating elements of **Ancient Indian Culture** through vocational courses such as **Yoga** and languages like **Sanskrit**.

Client-Side Technology

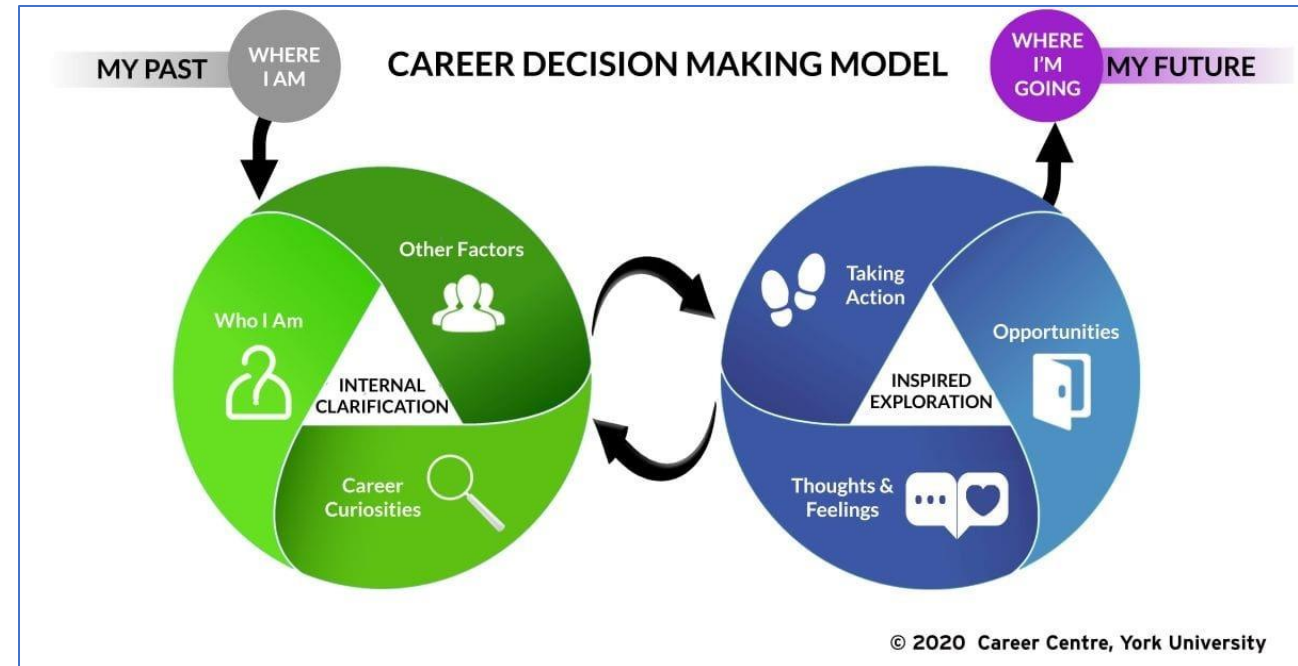
React and Tailwind CSS: were employed to implement the frontend framework.

Server-Side Architecture

Express.js and Node.js : were utilized to build the backend infrastructure.

Cloud Services

MongoDB Atlas Cloud platform : NoSQL Database Management



- Analysis of the feasibility of the idea
Technical, Both Commercial and Non-profit Model, Operational
- Potential challenges and risks
Content Quality, Market Competition, Technical
- Strategies for overcoming these challenges
Testing, Principles, Expert Involvement, Market Analysis, Policy Updates

- **Potential impact on the target audience**
Empowering Informed Decisions, Reducing Career Anxiety, Fostering Personal Growth, Promoting Inclusivity
- **Benefits of the solution (social, economic, environmental, etc.)**
 - Social - Increased Social Equity, Community Engagement
 - Economical - Improved Job Readiness, Enhancing their employability and potential earning power.
 - Educational - Tailored Learning Pathways, Vocational Learning
 - Cultural- Preservation of Traditions, Understanding of their heritage and its relevance to their career choices.

- Details / Links of the reference and research work
NEP_2020, myers briggs, National Survey Of Higher Education