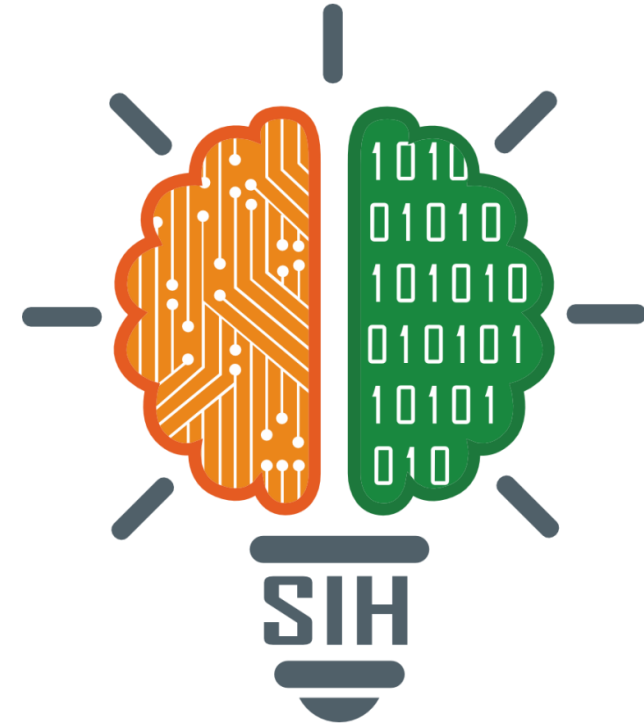


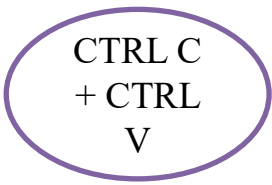
# SMART INDIA HACKATHON 2025



## NextStep - AI Powered Smart Portfolio Maker

- **Problem Statement ID- SIH25135**
- **Problem Statement Title- Student Innovation:Swadeshi  
for Atmanirbhar Bharat - Smart Automation**
- **Theme- Smart Automation**
- **PS Category- Software**
- **Team ID- 65855**
- **Team Name: Ctrl C + Ctrl V**





# NextStep



## Proposed Solution :

AI-powered platform that auto-creates portfolios **and provides personalized career guidance**

## Features:

- Multi-input data (resume, LinkedIn, manual entry)
- AI-driven portfolio designs tailored to the user's profession
- Customizable themes and layouts
- **Career guidance insights** based on skill gaps and market trends
- Automated suggestions for skill improvement and job opportunities

**The real challenge is building a complete professional identity automatically, not just creating a website**

## The solution must:

- Collect data from resume, LinkedIn, or manual input
- Generate a neat, professional portfolio design aligned with the user's field
- **Offer AI-powered career guidance** to help users plan their professional growth
- Ensure a seamless transition from data input to a polished portfolio + career roadmap

## TECH STACK

Frontend: React + Tailwind CSS

Backend: Node.js (Express)

Database: MongoDB

AI/NLP: SpaCy, LangChain, LLMs

Deployment: AWS

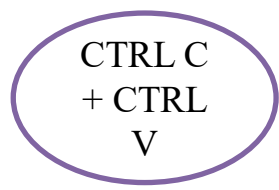
Auth: OAuth, Secure APIs, Firebase

## PROTOTYPE & FLOWCHART

[https://drive.google.com/drive/folders/1TTozCWSpeW2BfqPx7ghSDgFjB-\\_3R8CP?usp=sharing](https://drive.google.com/drive/folders/1TTozCWSpeW2BfqPx7ghSDgFjB-_3R8CP?usp=sharing)

## FLOW

Start → Sign Up/Login → Create Portfolio →  
Upload Resume/Details → Confirm & Generate  
Portfolio → Publish/Share → Skill Gap Analysis  
→ Recommendations → Dashboard →  
Download PDF → End



# FEASIBILITY AND VIABILITY



## LIMITATIONS

- Parsing errors in unusual resumes
- AI aesthetics may need tweaks
- Reliance on GitHub/LinkedIn APIs
- Career guidance accuracy depends on market data freshness
- Skill gap analysis requires continuous industry trend updates

## USP

- Multi-source data integration (resume/LinkedIn/manual) with seamless parsing
- AI-driven personalized portfolios with profession-specific designs
- Zero-friction automation from data input to polished professional identity
- Integrated career guidance with skill gap analysis and growth roadmap
- Secure authentication ensuring portfolio authenticity and data protection

# IMPACT AND BENEFITS



- **Unified Professional Identity**  
One-click portfolio built from resume, LinkedIn, or manual inputs.
- **AI-Driven Portfolio Analysis**  
Provides a detailed review of strengths, skill gaps, and market alignment for continuous improvement.
- **AI-Powered Development Toolkit**  
Includes an overview dashboard, interview preparation, curated learning resources, and a personalised skill roadmap.
- **Guided Skill Growth**  
Offers clear next-step certifications and training based on industry trends.
- **Time & Effort Savings**  
Full automation from data upload to polished portfolio and career guidance.
- **Enhanced Opportunities**  
Boosts visibility to recruiters and clients with a verified, professional digital presence.
- **Scalable & Inclusive**  
Works for students, freelancers, and professionals across all domains.

# RESEARCH AND REFERENCES



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