

# Arpit Singh

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## EDUCATION

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**Bachelor of Technology in Computer Science and Engineering August 2024 - May 2028 National Institute of Technology, Hamirpur**

## SKILLS

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- Languages: **C++ / C/ JavaScript / Python / Scala**
- Technical Skills: **HTML / CSS / JavaScript / React.js / Node.js / Git/GitHub /Next.js**
- Databases and Platforms: **MongoDB/ MySQL**
- Tools: **Adobe Illustrator/ Figma /Framer/ Wix**
- Relevant Coursework: **Object Oriented Programming/ Data Structures and Algorithms/ Database Management System.**

## PROJECTS

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**Global Route Optimizer ([link](#))** : Next.js / Python / Prisma / Gemini API

- An AI-powered logistics optimization tool that intelligently determines the most efficient cross-border shipping routes by leveraging multiple transport modes—air, sea, land, or hybrid combinations—while optimizing for critical constraints like cost, transit time, regulatory feasibility, and carbon footprint.

**SpeakPro AI ([link](#))** : React.js / Node.js / Python / Groq LLM

- SpeakPro AI is your personal AI communication coach, designed to boost your conversational skills with real-time analysis, actionable feedback, and immersive practice environments. Whether you're preparing for an interview, improving social skills, or mastering professional conversations, SpeakPro AI is here to help!

**AI Nutrition Planner ([link](#))** : Next.js,React.js,MongoDB,Gemini API

- AI Nutrition Planner is a cutting-edge nutrition intelligence platform that empowers users to make informed dietary choices through advanced AI analysis, comprehensive food tracking, and personalized insights. By combining intuitive design with powerful AI capabilities, AI Nutrition Planner transforms the way you understand and interact with your nutrition journey.

## EXPERIENCE

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### Executive Member

Team EXE (Computer Science Club)

## ACHIEVEMENTS

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- **2 Hackathons Winner.**
- **Python Certified** from IBM.
- **SQL(Advance Certified)** from HackerRank.
- Solved **150+ Problems** on various coding platforms, demonstrating strong analytical, coding skills.
- Successfully Contributed to **SCALA terminus**, a library for terminal interactions in Scala.