

Khushi

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[LinkedIn](#) • [Github](#) • [CodeChef](#) • [Codeforces](#) • [Leetcode](#)



PROFESSIONAL SUMMARY

Aspiring Software Engineer combining full-stack development skills with a competitive programming mindset. Active on CodeChef (1317 - highest rating) and Codeforces(923 - highest rating), with over 160 DSA problems solved on LeetCode. Dedicated to building responsive UIs with React while writing clean, optimized backend logic with clean architecture.

EDUCATION

Bachelor of Technology (Artificial intelligence)	2024 - 2028
Newton School of Technology, Rishihood University	Grade: 8.12/10.0
Intermediate (Class XII)	2023 - 2024
Khemo Devi Public School	Grade: 83.8%
Matriculation (Class X)	2021 - 2022
St.Theresa's Convent School	Grade: 91.4%

PROJECTS

VocaCoach ([Github](#)) ([Demo](#)) October 2025

- Built a real-time, human-like voice interaction platform to overcome the limitations of scripted and text-based systems by enabling natural, conversational interview practice, interactive learning, and continuous language improvement.
- Engineered a low-latency, full-stack voice system using **Node.js**, **Convex DB**, **DeepSeek API**, **AssemblyAI**, and **AWS Polly**, optimizing asynchronous speech pipelines and reducing **40% speech-to-response latency**.
- Enabled personalized mock interviews, topic-based conversational learning, and language practice through an end-to-end real-time voice pipeline (speech recognition → reasoning → voice response) designed for scalability, reliability, and smooth conversational flow.

TripTailor ([Github](#)) ([Demo](#)) April 2025

- Built an AI-driven travel planning platform to address the lack of personalized itinerary generation in existing travel applications while ensuring a seamless, intuitive, and user-friendly planning experience.
- Developed using **HTML**, **React**, **Tailwind CSS**, **JavaScript**, **Gemini API**, **Firebase Auth**, improving recommendation relevance and overcoming a **35% personalization accuracy gap** in itinerary-based travel systems.
- Generates preference-based travel itineraries with intelligent hotel recommendations, secure user authentication via Firebase, and a fully responsive, modern UI optimized for performance, usability, and accessibility across all device types.

CERTIFICATIONS

Intro to Machine Learning Kaggle ([Link](#)) January 2026

Completed **Kaggle's Intro to Machine Learning** certification with hands-on experience in supervised learning, data preprocessing, feature engineering, and model evaluation using **Python**, **Pandas**, and **scikit-learn** on real-world datasets.

SKILLS

Computer Languages: SQL, C++, JavaScript, NoSQL, Python

Software Packages: MongoDB, MySQL, Prisma ORM, Tailwind, Express JS, Figma

Soft Skills: Critical Thinking, Creativity

Others: OAuth 2.0, API testing, OpenAI API, Problem-Solving, UI/UX, Git and Github

EXTRA-CURRICULAR ACTIVITIES

- Participated in **Smart India Hackathon 2024**, collaborating in a team to solve real-world problem statements under competitive time constraints.
- Core Committee Member, **OOPS (College Competitive Programming Club)**, actively involved in organizing contests and promoting problem-solving culture on campus.