Gorav Jhabakh

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EDUCATION

2022 – 2026	B.Tech CSE with AIML - Vellore Institute of Technology	(GPA: 9.07/10)
2022	Class 12th CBSE – Vidya Mandir	(92)
2020	Class 10th CBSE – Vidya Mandir	(91.8)

SKILLS

Python | C++ | Java	AWS | SQL | ML | DL
React | Express | Node | MongoDB	HTML | CSS | Javascript | Typescript
Next.js | TailwindCSS | Firebase	Teamwork | Communication

WORK EXPERIENCE

Intern – Peer Islands   May 2025 – July 2025

During the course of my internship, I first worked on a RAG-based Full Stack Project using React, FastAPI, LangChain, and MongoDB, integrating document retrieval and LLM responses. Later collaborated on the main production chatbot with senior engineers

ACHIEVEMENTS

1st in Ecothon

Led a team of five to design and develop a sustainability-themed 2D game using Pygame, promoting awareness of sustainable development goals through interactive gameplay.

2nd in Techvilla

Collaborated in a team to build an AI-powered traffic navigation system that optimized ambulance routes by detecting vehicles and analyzing traffic density using YOLO and live camera feeds.

2nd in TechEthos

Worked as a team to develop a Speech-to-Speech Translation (S2ST) app using the Bhashini API, enabling real-time communication for local citizens while adhering to ethical and legal standards.

PROJECTS

Flick Spot – Social Media App

Built a full-stack social media platform using Next.js with ShadCN UI and TailwindCSS for the frontend, Clerk for authentication, NeonDB with Prisma for PostgreSQL integration, and Cloudinary for file uploads.

Vocal Chess – AWS Powered Game

Built a voice controlled chess game using AWS Amplify for hosting, Lex for processing commands, Polly for speech output and Lambda

Road Extraction from Satellite Images

Trained and evaluated Unet, HrNet, and variational autoencoder models for road segmentation on satellite images and optimized hyperparameters and preprocessing to determine the most accurate model.