Ishan Pathak

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▪ github.com/ishanpathak1

EDUCATION

University at Albany, State University of New York	3.9 GPA
Master of Science, Computer Science	May 2026
ITM SLS BARODA UNIVERSITY, India	3.4 GPA
Bachelor of Technology, Computer Science with AI	May 2024

WORK EXPERIENCE

Celo Academy (Python, Solidity,Web3 tech, Blockchain) REMOTE December 2022 – June 2023 ▪ Maintained a team of 100 developers, made a website for handling the blogs, played important role as developing founding documentation for the foundation, was Head Moderator responsible for the Merging the PRs. in Github

Securr Technology (React,Javascript,HTML5,CSS) Ahmedabad, India Frontend Engineer Intern, October 2023 – July 2024 ▪ Developed a new version of the website, worked closely with the UI/UX team, also made the reusable components for the website, handled login and signup page, with integrating firebase, and made the website using the MERN stack. Also contributed making the posters on Canva for the Social Media

PROJECTS

Agro Assist (Python, Javascript,react) October 2024 – December 2024 ▪Made machine learning algorithms, which classifies plant's diseases▪ Developed the Dashboard(frontend) using the react and javascript, which helps user to have all the essential information at one place, used Agile Methodology to keep track of the work, used Jira for efficient ticket solving and making the project by respecting the deadlines.

Revode (Python, Javascript, react,Mongo, Google Firebase) December 2023 – January 2025 ▪ Got the data from the leetcode website and made an AI application which gives the 5 mcqs of the question. Made a ranking dashboard, to keep the track of the user ranks, made a streak maintain page, where one can see which days they have worked, made a profile management page, setup google firebase for users to login and login with the otp and with google credentials.Integrated OPENAI's API for managing the questions, and generating proper questions for the users.

Enhancing Head Pose Diversity (Python,GAN,CNN,Voxel Based) October 2024 – December 2024▪ Downloaded datasets, of most recent papers and cited papers, then I normalized the data so all different data are in one one shape, Made Custom weighted RNN algorithm , used GAN , and a custom CNN model with Voxel, to increase the Diversity of head poses in the datasets.

SKILL SET

· **Communication & Outreach**: Public speaking(Was a Vice President Of AI Club in University) (via project presentations), team management, content creation(Have Created more than 200 posters on canva)(Have my own youtube channel of vlogging and Short films).

Technical Skills: Python, React, JavaScript,HTML5,CSS,Solidity,UI/UX,Figma,Canva▪

Machine Learning & AI: Supervised & Unsupervised Learning, Regression & Classification Models, Deep Learning (CNN, RNN, LSTMs, TensorFlow),

Other Skills: Adaptable, Team Management, Attention to Detail, Communication, Leadership, Collaboration, Problem-Solving, Presentation Skills, Curiosity to Learn

ACHIEVEMENTS

▪ **Hackathons**: Have projects in Hackathon, and a portfolio of different projects , and have won multiple bounties in the EthIndia,EthGlobal,ChainLink Hackathon, Solana Hacker House23-24,Web3 Conf.