Preetish Patel

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EDUCATION

Indian Institute of Information Technology, Lucknow — Lucknow, Uttar Pradesh
Bachelor of Technology, Computer Science and Artificial Intelligence; **GPA: 8.92** — *December 2020 – Present*

Jawahar Vidya Mandir, Shyamali — Ranchi, Jharkhand
Class X : 10 CGPA, Class XII : 90% — *May 2009 – May 2019*

PROJECTS

Speech Emotion Recognition
Worked majorly upon data processing in a group project for course Big Data Analytics — *March 2022 - May 2022*
- A Machine Learning project with the functionality of detecting a speaker's voice from an audio file and then predicting the emotion of the voice
- **Tech Stack:** Python, Tensorflow, Librosa, Flask, numpy, pandas, matplotlib, seaborn, keras

Corona Detection Using X-Rays
Personal Deep Learning project — *April 2021 - June 2021*
- A Deep Learning project that detects whether the tested person is infected with Coronavirus
- **Tech Stack:** Python, Tensorflow, numpy, pandas, matplotlib, seaborn, keras

Movie Hosting App
Personal MERN stack project — *June 2022 - Present*
- A full stack web application with the major functionality being its ability to host movies of different genres
- **Tech Stack:** The back-end is made of Node JS, Express JS and MongoDB and the front-end is made of HTML, CSS and JavaScript

ACHIEVEMENTS

- **Codeforces ID link** : A rank of Expert on codeforces(Among the top 1000 coders in India)
- **Codechef ID link** : 5 stars on codechef. A Global rank of around 3000 among 3,00,000 programmers
- **ICPC kanpur Regionals 2021 ranklist** : Secured a rank of **72** with my team in the Kanpur regionals of ICPC finals where teams form all the renowned institutes across India participate
- **Codeforces round 792 ranklist** : A rank of **935** in a global coding contest with a participation of over 18000 coders
- **Codeforces round 794 ranklist** : A rank of **695** in a global coding contest with a participation of over 15000 coders
- **Codeforces round 761 ranklist** : A rank of **587** in a global coding contest with a participation of over 14000 coders

PROGRAMMING SKILLS

- **Languages:** C++, Python, JavaScript
- **Technologies and Frameworks:** Tensorflow, Scikit-learn, Librosa, Flask, SQL, Flask, numpy, pandas, matplotlib, seaborn, keras, Git, Node.js, Express, MongoDB, React.js

POSITIONS OF RESPONSIBILITY

Senior member at CP Wing, IIIT Lucknow
CP Wing is responsible for promoting competitive programming culture in IIIT Lucknow — *November 2021 - Present*
- Conducted classes for juniors, teaching them basic coding concepts, data structures and algorithms
- Conducted several Competitive Coding contests for the annual techfest(equinox) of IIIT Lucknow including the fest's flagship event **CODUO 2022**. The event witnessed world-wide participation including many top rated competitive programmers

Member of Literary Society, IIIT Lucknow(Crotonia)
Position of a writer — *December 2020 - May 2022*
- Wrote and contributed to several articles about animes, books etc