ANUBHAV LADHA

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Education

Rajiv Gandhi Institute of Petroleum Technology   Oct. 2020 – May 2024
Bachelor of Technology in Computer Science (7.4/10)   *Rae Bareli, Uttar Pradesh*

Experience

BagCampus Private Limited   June 2022 – August 2022
Software Developer Intern   *Remote*

- Built a **real time chat application** using **Firebase with chat engine and React**. Whenever user creates group/single chat, **encryption** is enabled with **Salt-Pepper Method**.
- Developed a service to automatically perform a set of unit tests daily on a product in development in order to decrease time needed for team members to identify and fix bugs/issues.
- Explored ways to visualize and send a daily report of test results to team members. **Stack Used: React.JS, Firebase, Chat Engine**

Projects

CheckMate - Your Mate At Ease | *React.Js, Node.Js, MongoDB, Express.JS*   ⓞ CheckMate

- Created a **Web application** using **MERN Stack** to find mate in a new city. Soon, this will be launched for Pune and Bengaluru Urban.
- Processed user inputted information for **login-signup** methodology, post a property/home-maker/services opportunity, **ML based recommendations** for nearby explorations.

Xpreso - Groceries And More | *HTML, CSS, Javascript, Node.Js, MongoDB*   ⓞ Xpreso

- Developed a **Web Application** for local supply chain in college to ease out various services for students.
- **Redux** based cart system, **Razorpay API** for payment system, **CRUD operations** for request of users, **Google Authentication** with firebase storage, **ML based recommendations** for various interesting products, **Google Maps API** for live tracking system

Multi-Modal Approach on Deepfake Detection | *RNN, CNN, Jupyter Notebook*   ⓞ Deepfake Detection Model

- Created a **Machine Learning project** with **accuracy 81.9 percentage**.The **deep fake image classifier** and **deep fake video classifier model** gave a **generalisation error** of around **80 percentage**. This is **BTech.** project under **Dr. Pallabhi Saikia.**
- Tools and Technologies : **Tensorflow, Keras, Numpy, Pandas, Plotly, matplotlib, GANs, CNN, RNN**

My Portfolio | *React.JS, VS Code*   ⓞ Anubhav Ladha

- Designed a fully functional and **responsive portfolio website** using React based technologies like **Hooks, Class based Components**.
- It includes features like email.JS, chat bot using **python, Pagination Swiper** and more.

Skills

Languages: C++, C, HTML/CSS, JavaScript, Node.JS, Python, SQL, R
Developer Tools: VS Code, Jupyter Notebook, MATLAB
Technologies/Frameworks: Linux, React, Git, GitHub, MongoDB, Numpy, Pandas, MatPlotLib
Soft Skills: Hard-Working, Good Communication and Presentation skills, Teamwork and Leadership

Leadership / Extracurricular

Codechef RGIPT Student Chapter   October 2021 – Present
Competitive Programming Lead and *Founder*   *Rajiv Gandhi Institute of Petroleum Technology*

- Started a student chapter to promote and develop the coding environment in university.
- Team of **50+** executives works to conduct various **Hackathons, coding competitions, webinars, events,** etc.

Entrepreneurship Cell (May 2021 – March 2022) - **Technical Executive** and **Web Developer**
Gyanarpan (April 2021 – April 2022) - **Taught Mathematics** to class 12th Students. (Social Services Club)

Achievements

- **4 Star Coder** (Max. Rating - **1846**) on **Codechef**, **Pupil** (Max. Rating - **1267**) on **Codeforces.**
- Acheived **2984**th Rank in **Google Kickstart** 2022 - Round D, August Cook-Off 2021 Global Rank **79** and Starters 13 Div 2 Global Rank **226 Codechef**, Solved more than **800 problems** on coding platforms like **GFG, Codechef, Codeforces, Hackerearth, Leetcode, interview bit**.
- Secured All India Rank **15139** in **IIT-JEE Advanced 2020** out of **1.1 million** students appeared.