ANU CHUGH

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EDUCATION

National Institute of Technology, Kurukshetra (2022-2026)
Bachelor of Technology in Electrical Engineering | GPA: 8.5/10

Shah Satnam Ji Girls' School, Sirsa (2020-2021)
Senior Secondary Education, CBSE | Percentage: 96.8

SKILLS

Languages : C/C++, JavaScript, Python.
Development : React.js, Express.js, Node.js, Tailwind CSS, Git, GitHub.
Databases : MongoDB, MySQL.
CS Fundamentals : Data Structures and Algorithms, DBMS, OOPS, Operating System, Computer Networks.

PROJECTS

Pixora (Social Media Web-app) | Mongo DB, React.js, Socket.io, Tailwind CSS, Cloudinary

- Built a full-stack social platform with post creation, likes, comments, and follow/unfollow features, tested with **30+ users** during development.
- Implemented **Real-time messaging** using **Socket.IO**, enabling instant and seamless communication with support for live chat, delivery confirmation, and real-time updates across devices with less than 100ms latency.
- Secured routes with **JWT-based authentication** and optimized media uploads via **Cloudinary**, improving access control and reducing image load times by **30%**.
- Deployed on Render, ensuring **99.9% uptime**, stable performance, and cross-platform login support.

Travel Advisor | React.js, Material UI, Google Maps API, Rapid API (TripAdvisor)

- Developed a responsive app displaying live data on **10,000+** restaurants, hotels, and attractions.
- Integrated **Google Maps API** with geolocation and markers, boosting site performance by **30%**.
- Pulled real-time reviews and ratings from **TripAdvisor** via **Rapid API** by improving data accuracy by **40%**.
- Implemented interactive filters for rating, type, and distance, resulting in **35% faster search**.

Mentorship Matching Platform | HTML, CSS, JavaScript

- Launched a mentorship matching platform, enabling 50+ users to create profiles and initiate **mentorship requests** within the first week, demonstrating immediate **user engagement**.
- Utilized **full web functionalities** to simulate backend functionality, enabling **secure storage** and retrieval of user data and mentorship requests.
- Deployed on **Netlify**, achieving **100% responsiveness**, smooth DOM updates, and robust client-side validation across multiple devices.

ACHIEVEMENTS

- Solved 700+ Problems and achieved max rating 1657 on **Leetcode**.
- Achieved a coding score of 1000+ on **GFG**

EXTRA-CURRICULAR

- **Fine Arts Coordinator**
  Led a 15-member team for inter-department events, managed logistics across 4 departments, and hosted 250+ participants.
- **Event Head – Gray Matter Quiz (Electroreck Society)**
  Directed a team of 5 in organizing an institute-wide quiz competition with over 100 participants.
- **Debate Participant**
  Represented the department in a competitive debate on "Dynamic Pricing" organized by Electroreck Society.