ALOK KUMAR YADAV

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EDUCATION

Bachelor's Of Technology   **Ghaziabad, India**
- ABES Engineering College   2021-2025
  - Computer Science
  - CGPA – 7.78

Senior-Secondary (12th)   **Lucknow, India**
- Rani Laxmi Bai Memorial School | CBSE   2020
  - PCM +CS | 93.8%

Secondary (10th)   **Lucknow, India**
- Rani Laxmi Bai Memorial School | CBSE   2018
  - Grade- 94.8%

PROJECTS

PROJECT 1 | CREDIT CARD FRAUD DETECTION SYSTEM
- **Technology:** Python, NumPy, pandas
- **Description:** Developed a credit card fraud detection system using Python , leveraging NumPy, pandas, and Logistic Regression model. Implemented data splitting techniques and achieved an accuracy rate of nearly 85 % .

PROJECT 2 | YOUTUBE WEB-APP
- **Technology:** React Context API, React, Rapid API
- **Description:** Developed YouTube web app using Rapid API and React Context API for real-time video data fetching. Utilized React Context API for efficient state management across components. Achieved a user-friendly YouTube clone.

PROJECT 3 | WEB-3 CLASSES
- **Technology:** Web3, Zego Cloud RTC
- **Description:** Leveraged Zego Cloud's RTC platform for high-quality real-time video chat, and enhancing classroom engagement and interactivity. Implemented conditional room access requiring transaction completion, ensuring secure entry to sessions.

PROJECT 4 | PORTFOLIO WEBSITE
- **Technology:** React
- **Description:** Developed a personal portfolio using React and various packages, focusing on UI design. Created a fully responsive portfolio to showcase interactive design skills.

SKILLS

- **Programming Languages :** C, C++, Python, JavaScript, Solidity
- **Tech Stack :** MongoDB, Express.js, React.js, Node.js, Next.js, Solidity, MySQL , Hardhat
- **Tools :** Git, GitHub, Remix, VsCode, PyCharm
- **Interpersonal Skills:** Leadership, Time Management, Problem Solving
- **Trainings & Certifications :** Randomized Algorithms, Programming Essentials in Python, Introduction to Networks, SQL Skill Assessment Test on HackerRank, Problem Solving Basic Certification on HackerRank , Problem Solving Intermediate Certification on HackerRank

COURSEWORK

- **Undergraduate :** Data Structures and Algorithms, Computer Architecture, Database Management Systems, Operating Systems, Computer Networks

ADDITIONAL INFORMATION

- **Achievements:** 400+ Problems on Leetcode, GeeksForGeeks
- **Hobbies Interests**: Maintain a technical blog on Hashnode on Web3 and web development topics