Prabhjeet Singh Gambhir

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Education

Motilal Nehru National Institute of Technology, Allahabad   **2022 - 2025**
Master of Computer Applications   *8.73/10 CPI*

Sri Guru Gobind Singh College of Commerce. University of Delhi   **2019 - 2022**
B.Sc. (Hons.) Computer Science   *8.973/10 CGPA*

Work Experience

AlgoUniversity, SDE EXTERNSHIP   **May 2024 – July 2024**
@eatSleepCode, deploy-link   *Github*

- Built an **Online Judge** where user can practice problems and execute their code in different programming languages.
- Capability to generate **verdicts** using test cases on code submission.
- The project uses **MERN**: **MongoDB** for storing user credentials and progress, **Express.js** for building the backend server, **React.js** for the user interface, and styled using **Tailwind CSS**.
- Implemented **OTP-based Email Verification** to enhance user authentication
- Used **React-Redux** for state management to efficiently handle data flow and state updates across the application.

Projects

@KnowledgeStream   **Github**

- Built an **ed-tech platform** that provides a great learning experience to **students** and convenient environment for **instructors** to showcase their expertise. Moreover, it provides a **variety of recorded courses** at a reasonable price.
- Implemented using **MERN** stack. Backend server build with **Express.js**. **React.js** along with **Tailwind-CSS** for an interactive UI.
- **Authorization** to identify users and determine their access rights.
- **Cloudinary** platform used for uploading course thumbnails and video lectures.

Medisphere, deploy-link   **Github**

- Developed a comprehensive **healthcare management system**, enabling efficient patient and doctor interactions with a user-friendly interface
- Built using **Express.js** for the backend, **React.js** for the frontend, and **MongoDB** for data storage, ensuring scalability and performance
- Implemented a seamless **appointment booking system** for patients to schedule consultations with doctors.
- Added a **real-time chat feature**, enabling direct communication between patients and doctors for enhanced engagement and support

Technical Skills

Languages: C, C++, JavaScript
Backend: Node.js, Express.js
Frontend: React.js, TailwindCSS, HTML, CSS
Clouds & Databases: MySQL, MongoDB
Web Technologies: Cloudinary
Developer Tools: Postman, VS Code, Git, GitHub, Katalon Studio
Domain Knowledge: Object Oriented Programming, Database Management System, Operating System

Position of Responsibility

- **Executive Member**: ACE , Association of Computer Enthusiasts
- **Cisco Campus Ambassador 2023**: MNNIT,Allahabad

Achievements

- Secured **AIR 170th** in NIMCET-2022 MCA enterance exam.
- Secured merit rank in **top 30** in BITSAT-2022 MCA enterance exam.