Rana Hassan

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PROFILE

- Aspiring Software Developer with a strong foundation in frontend development skills, Python and SQL. Enthusiastic undergraduate with Computer Science and a passion for software development. Proficient in Python ,Sql and Javscript, with a strong foundation in algorithm design. Eager to contribute to a dynamic team and apply problem-solving skills in a collaborative environment..

EDUCATION

- **Guru Gobind Singh Indraprastha University** — Greater Noida
  B.Tech in Computer Science Engineering; CGPA: 7.6 — *oct. 2022 – July. 2025*

- **Jamia Millia Islamia** — New Delhi, India
  Diploma in Computer Science Engineering; Percentage : 74 — *Aug 2018 – July. 2021*

EXPERIENCE

- **Gimmic Media** — Remote
  Frontend Developer Intern — *Aug 2023 – Sep 2023*
  - **Website Transformation**: Transformed the official website of Gimmic Media using **React.js**, resulting in a **30%** increase in overall responsiveness and user engagement.
  - **Codebase Migration**: Migrated the codebase from traditional **JavaScript** to **React.js**, reducing load times by **40%** and enhancing code maintainability through a component-based architecture.
  - **Styling Optimization**: Implemented **Tailwind CSS** to replace pure CSS, resulting in a **25%** reduction in stylesheet size and a **20%** improvement in page rendering speed.

- **SMDevOps**
  web Development Intern — *Mar 2021 – April 2024*
  - **Frontend Development**: Developed and optimized user interfaces using **React.js** and **Tailwind CSS**, ensuring a responsive and visually appealing design across various devices. Implemented dynamic and interactive features, enhancing user engagement and experience.
  - **State Management**: Utilized **Redux Toolkit** to manage application state efficiently, enabling seamless data flow and synchronization across different components. Ensured smooth user interactions and improved overall application performance.
  - **JavaScript Integration**: Leveraged **JavaScript** to create reusable components and implement custom functionality, ensuring the application met specific user requirements and maintained high performance standards.

PROJECTS

- **Casino Games**: Collaboarated in a Team to Develop a betting platform using **Next.js** and **Golang**, with a **PostgreSQL** database and **Gin** framework for efficient data management. Implemented **JWT-based** authentication and authorization, enhancing security. I Contributed to frontend , writing Clean **Code**, and designing **Ui Components**, and following **industry Standards** for lightweighted project.

- **GitHub Repository Reviewer**: Developed a web application that allows users to review the folder structure of any public GitHub repository. Utilized **React.js** and **Tailwind CSS** for a clean and responsive frontend. Integrated the **GitHub API** to fetch repository data and employed **GROQ AI API** to analyze the folder structure. The platform enables users to provide ratings and reviews, making it a valuable tool for students looking to learn from real-world codebases.

PROGRAMMING SKILLS

- **Languages**: C++,Python, JavaScript, HTML5, SQL,

- **Technologies**: MySql, PostGresql, Tailwind CSS, Bootstrap, React.js, Redux Toolkit, Node.js, Git, GitHub, Postman,

ACHIEVEMENTS

- **Idea Utsav Contest**: Ranked **4th** in idea utsav contest [A Contest to present and build your Unique Project Ideas] .