PRAKHAR PANDEY

Kanpur,Uttar Pradesh

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Education

Indian Institute of Information Technology Ranchi	**Oct,2022 – Present**
Bachelor of Technology in **Computer Science and Engineering**	*Ranchi, Jharkhand*
Kanhaiya Lal Memorial School	**April,2020-Feb,2021**
Intermediate **Percentage:91%**	*Jalaun, Uttar Pradesh*

Projects

🔗 **GitHub-Pro** | *React,Node,Express,MongoDB,Passport.JS,Tailwind-CSS*   **June,2024**
- Design a fully responsive **GitHub Like web application** .
- Consists features to **Search User Profile**, and view detailed information including the most popular repositories by programming language.
- Ensured smooth and secure user authentication by **80%**using **GitHub OAuth** via Passport.JS.
- Successfully handled data fetching and presentation for over **1000 GitHub profiles**.
- Enhanced application performance by optimizing API calls and implementing lazy loading techniques, resulting in a **40%** reduction in page load times and a **25%** increase in user engagement.

🔗 **Twitter Dev** | *Node,Express,MongoDB,AWS,Passport.JS*   **April,2024**
- Implemented a robust and scalable **Back-end Of Social Media Application**.
- Developed API to allow users to **post tweets and comments**, enabling **Social interaction** within the app.
- Integrated **AWS S3** for efficient image uploading and management, ensuring scalability and reliability of media storage.
- Implemented user Authentication using **Passport-JWT**,resulting in the **50%** reduction in unauthorized access attempts.
- Improved the **Data Retrieval** speed by optimizing database queries and using indexing.

🔗 **AI-Reactor** | *React,Node,Express,MongoDB,Tailwind-CSS*   **May,2024**
- Developed efficient mechanisms for fetching and handling data from the **Gemini API**, ensuring real-time updates..
- Led development of a comprehensive user **Authentication system** decreasing security breaches by **40%**and boosting user confidence by **25%**
- Ensured the application's architecture supports scalability and easy maintenance.
- Achieved **Real-time** data synchronization with minimal latency.
- Enhanced user experience by implementing responsive design principles and optimizing front-end performance.

Technical Skills

Languages:C++,JavaScript,HTML/CSS
Developer Tools: Git,GitHub,VS Code,RabbitMQ,Postman,REST API
Technologies/Frameworks: React,Node, Express, MongoDB,Mongoose(ODM),Tailwind-CSS,Bootstrap,MySQL,Vite

Contribution/Achievements

Participated in the Google Solution Challenge
Contributed to innovative solutions addressing real-world problems using Google technologies.
Participated in the Smart India Hackathon
Collaborated in a team to develop innovative solutions for real-world challenges.