YASHASVI SHUKLA

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EDUCATION

Raj Kumar Goel Institute of Technology, Ghaziabad UP   August 2019 - June 2023

Bachelor of Engineering in Computer Science   (7.8/10)

Lucknow Public Schools and College, Lucknow India   2007 - 2019

Highschool and Intermediate in Computers and Science   (88 % , 69 %)

TECHNICAL SKILLS

- Languages: React, Python (Polars, Pandas, Numpy, Matplotlib), C #
- Tools: Pycharm , Power BI, Visual Studio, Jupyter, Microsoft Excel, Microsoft office, Github, GIT
- Database: MySQL, NoSQL
- Big Data: HDFS
- Web Development: HTML, CSS, JavaScript, TypeScript
- OS: Linux-based Systems and Command-line Tools

ACADEMIC PROJECTS

PROBE, NEWSAPP & TEXT UTILITY

- Probe is an online MCQ Test platform in which, one question will appear at a time in front of the user, with its four options, of which only one is correct. Each correct answer will give you 10 points, and an incorrect will decrease 5 points. With each question should have `next` and `previous` buttons along with a score indicator LINK
- Text Utils is a utility which can be used to manipulate our text in the way we want, like changing casing, removing extra spaces, copying text, knowing the numbers of characters as well as words in the text.
- News App is created using React and News API, the News API is used for fetching the latest news according to the categories.
- News App has modern features of infinite scrolling, fixed navbar, badges and info like author and timestamp

EDITH – PASSWORD HASHING & SALTING

- A "Hash" is a one-way function that generates a representation of the password. Therefore, when a user signs up for an account and they choose a password, the password is stored as the generated hash, rather than the actual characters that the user typed in. LINK
- In order to make it more difficult to expose a hash, you also need to salt it. Salting is where you add an extra bit of data to the password before you hash it.
- This project depicted the concept of Hashing and Salting and demystified the working of a Hash and Salt

PROGRESSO – A DIGITAL FITNESS DIARY

- The problem definition of this project is to design a Workout Tracking Website based Application and a Progressive Overload Formula.
- To attain accuracy we typically use HTML, CSS, JavaScript, MongoDB, and available datasets using human subjects. Progressive Overload = (Previous Workout Load) + (BMI * Weight Multiplier)
- Research Paper Certificate LINK

SUMMARY

Motivated and dedicated BTech graduate with a strong educational background in Computer Science Engineering. Eager to apply my strong foundation in programming, problem-solving abilities, and innovative mindset to contribute to the growth of an organization and gain practical experience in the field.