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

Lucknow Public Schools and College, Lucknow India — 2009 - 2019

Highschool and Intermediate in Computers and Science

PROJECTS

PROBE, CHRONICLES, GEMINI, NOM- NOM NOMAD & DOCKET DOCS

- Developed a dynamic online MCQ platform PROBE using React, JavaScript, API, and Bootstrap to deliver real-time question and answer functionalities. Integrated external APIs to dynamically fetch and display questions, reducing page load time by 30% and deployed on AWS, ensuring high availability and scalability. Using Helib library implemented homomorphic encryption. **LINK**
- Created a responsive online news website using React, JavaScript, API, and Bootstrap. Implemented category-specific news sections, enhancing user experience and enabling users to easily navigate through different news topics. Deployed on Google Cloud Platform (GCP) for reliable performance and scaling.
- Developed a real-time question-response application using React and Vite. Enhanced user interaction by improving response time and capable of real-time data processing. **LINK**
- Built a food delivery application using React, featuring a diverse menu and robust cart functionality. Improved order completion rate with seamless browsing, filtering, and checkout processes. Designed a robust cart functionality, enabling users to easily add, remove, and review items before checkout, which improved the order completion rate. **LINK**
- Docket Docs is a feature-rich note-taking application using React, Tailwind CSS, TypeScript, and Framer Motion to enhance user interface and experience. Implemented smooth animations and transitions with Framer Motion, improving user interaction and engagement. Utilized Tailwind CSS for efficient and responsive design, reducing development time by 20% and ensuring a consistent look across devices. (ongoing) **LINK**

EDITH – PASSWORD HASHING & SALTING

- Developed a Python application demonstrating hashing and salting techniques to enhance password security. Implemented a system where user-entered passwords are salted and hashed before being stored in a MySQL database to ensure enhanced security. Utilized secure hashing algorithms, reducing the risk of password breaches. **LINK**
- Stored original, salted, and hashed passwords in MySQL, ensuring comprehensive data storage for security audits and verifications. Hashing and salting are critical techniques in securing passwords and protecting them from various attacks, including those utilizing rainbow tables.

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. Progressive Overload = (Previous Workout Load) + (BMI * Weight Multiplier).
- To attain accuracy we typically use HTML, CSS, JavaScript, MongoDB, and available datasets using human subjects. Research Paper Certificate **LINK**

TECHNICAL SKILLS

- Languages: React, JavaScript, Python
- Tools: PyCharm, Visual Studio, GitHub, GIT, Linux-based and Command-line Tools
- Skills: MySQL, Cloud (AWS)
- Web Development: HTML, CSS, Bootstrap, Tailwind, TypeScript

SUMMARY

Motivated and dedicated BTech graduate in Computer Science Engineering with a robust foundation in programming, problem-solving, and cloud technologies. Possess experience in developing dynamic web applications, implementing security measures, and enhancing user experience. Eager to contribute to the growth of an organization and gain practical industry experience.