Utkarsh Singh

Linkedin | Github
+91 87657 90305 | utkarshsingx@gmail.com

EDUCATION

LITTLE FLOWER SCHOOL
ICSE Board, Class 10
2007 - 2018 | Gorakhpur, UP
10th : 90/100

ACADEMIC GLOBAL SCHOOL
CBSE Board, 10+2
2018 - 2020 | Gorakhpur, UP
10+2 : 90/100

GALGOTIAS COLLEGE OF ENGINEERING AND TECHNOLOGY
Bachelors of Technology in Computer Science | Data Science
- Club Head of Arts Society.
- Member of College Coding Club.

Expected graduation in 2025 | Greater Noida, India
Cum. GPA: 7.5 / 10.0

EXPERIENCE

Achievements
- **Technothon '22** Selected as a **finalist top 10** among **120+** teams in Technothon for creating 'WeCare,' a healthcare application developed using **Python, Tkinter, and MongoDB.**
- **Technothon '23** Secured a spot in Technothon's **second round** and actively contributed to the creation of 'FairFunds,' a **decentralized** application designed to manage society records. Employed **React Native** and **GoLang** for development, with **Figma** as the platform for design.

SKILLS

Programming Languages
- C, C++, Java, Python

Markup and Style Languages
- HTML5, CSS

Libraries and Frameworks
- JavaScript, Tailwind, GSAP, React.js

Back-end Technologies
- Node.js, Express.js

Databases:
- MySQL, MongoDB, Firebase

Version Control
- Git, GitHub

TECHNICAL PROJECTS

ZAIKA KITCHEN- FOOD DELIVERY WEBSITE
HTML, CSS, Javascript, ReactJS | Github
- Built **interactive UI** with **React Hooks**, **Redux**, and **Reusable Components**, ensuring efficient **State Management** and promoting code reusability.
- Optimized performance using **Bundlers & Babel**, **Dynamic UI**, and **Code Splitting**, resulting in a scalable and maintainable application.
- Utilized a range of React features, including **Functional Components**, **Props & State**, **React Router**, and **React Testing Library**, to create testable application with a focus on scalability.

ALGORITHM VISUALISER
HTML, CSS, Javascript | Github
- Implemented **4+** pathfinding algorithms (**Dijkstra's, A*, BFS, DFS, Greedy Best-first Search**) in a web-based app.
- Built with **React**, utilizing **HTML5**, **CSS3**, and **JavaScript** for a seamless user experience.
- Successfully integrated a **Recursive Division Maze Generation algorithm**, generating **complex mazes** with varying levels of difficulty, showcasing proficiency in **algorithm design** and **complexity management**.

DESIGN PORTFOLIO WEBSITE
HTML, CSS, Javascript, GSAP| Github
- Developed a design portfolio website using **HTML, CSS, and JavaScript**, with **GreenSock Animation Platform** animations.
- Implemented a **smooth** and **intuitive navigation system** to enable users to easily explore the website and access the various design projects.

EXTRACURRICULAR

- **Google Cloud Computing Foundation & Generative AI Arcade Game** certifications earned during **Study Jams 2023**, showcasing advanced proficiency in cloud solutions.
- Contributed to **15+** open source projects during **Hacktoberfest 2022, 2023**, with **8+** merged pull requests.
- Participated in **5+** study sessions, mentored junior members, and engaged in **3+** online workshops to enhance skills.

COURSEWORK

NPTEL COURSES
- **Computer Networks And Internet Protocol** By Prof. Soumya Kanti Ghosh, Prof. Sandip Chakraborty | IIT Kharagpur
- **Introduction to programming in C** By Prof. Satyadev Nandakumar | IIT Kanpur
- **Introduction to Database Systems** By Prof. Sreenivasa Kumar | IIT Madras
- **Compiler Design** By Prof. Santanu Chattopadhyay | IIT Kharagpur