Sudhanshu Shekhar

Varanasi, Uttar Pradesh, India ✉ anshukumar14349@gmail.com ✉ sudhanshu007@bhu.ac.in in linkedin.com/in/sudhanshu-shekhar-7979b2214/
+91 8434495104 https://github.com/sudhanshuBHU Portfolio: https://sudhanshubhu.github.io/myPortfolio_Sudhanshu/

PROJECTS

Medicia Plus (Health Care WebApp) using React.Js and Solidity

- https://github.com/sudhanshuBHU/BlockChain-SEM-2-Medicia-Plus-Health-Project • June 2024 – June 2024
- Developed a health care web application using ReactJS and Solidity, leveraging blockchain technology to ensure data integrity and privacy.
- Implemented smart contracts on the Ethereum blockchain to manage patient records, enhancing transparency and reducing processing time by 40% compared to traditional database systems.
- Optimized user experience by integrating a responsive front-end design, resulting in a 25% increase in user engagement.

Temple Ticket System using MERN full stack

- https://github.com/sudhanshuBHU/codeFest24-IIT-BHU-Haxplore • March 2024 – March 2024
- Developed and deployed a responsive web application using MERN full stack, reducing ticket booking time by 40%.
- Implemented user authentication and secure payment gateways, enhancing user data security and increasing booking efficiency by 30%.
- Integrated real-time waiting time indicator, improving user experience by 25%.

Weather App Development Using HTML, CSS, and JavaScript

- https://sudhanshubhu.github.io/Weather-App/ • March 2024 – March 2024
- Integrated APIs to fetch weather data, leading to a 30% reduction in load time.
- Developed location detection functionality resulting in a 25% improvement in user convenience.
- Implemented weather forecast visualization, resulting in a 20% increase in user satisfaction.

Snake Game Development Using HTML, CSS, and JavaScript

- https://sudhanshubhu.github.io/snake-game/ • June 2024 – June 2024
- Engineered an interactive Snake game using HTML, CSS, and JavaScript with 80% JavaScript, 10% CSS and 10% HTML.
- Developed an interactive game board with local storage capabilities, storing game statistics and enhancing user experience, which increased user engagement by 40% and session duration by 25%.
- As a result, the hosting website experienced a 10% increase in user engagement.

SKILLS

Industry Knowledge: Data Structures, Algorithms, Object-Oriented Programming (OOP), Software Development Life Cycle (SDLC).
Programming Languages: C++, Java, C, JavaScript, HTML5, Cascading Style Sheets (CSS), Python, SQL.
Tools & Technologies: Document Object Model (DOM), JSON, React.js, MySQL, Redux Toolkit, Git, GitHub, NodeJS, MongoDB.
Languages: English, Hindi.

Coding Platforms

Coding Ninjas:	• Profile Link	• Contest Rating: 2405 (Master)	• Questions Solved: 500+
Hacker Rank:	• Profile Link	• Problem Solving: 5 stars	• C++: 5 stars
Leet-Code:	• Profile Link	• Contest Rating: 1583	• Questions Solved: 300+
Code Chef	• Profile Link	• Contest Rating: 1323	
Code Forces:	• Profile Link	• Contest Rating: 1041	• Questions Solved: 70+

CERTIFICATIONS

- **Programming in Modern C++:** NPTEL • 2024 • Link
- **OOPS in C++:** Coding Ninjas • 2024 • Link
- **OOPS in JAVA:** Coding Ninjas • 2024 • Link
- **Basics of JavaScript :** Coding Ninjas • 2024 • Link

EDUCATION

Master of Computer Applications - MCA, Computer Science
Banaras Hindu University • Varanasi, Uttar Pradesh • 2025 • 8.55 SGPA

Master of Science - MS, Mathematics
Karim City College • Jamshedpur, Jharkhand • August 2022 • 8.65 CGPA

Bachelor of Science - BS, Mathematics
ST. Columba's College • Hazaribagh, Jharkhand • December 2020 • 7.74 CGPA

SUMMARY

A Computer Science student at BHU (Banaras Hindu University, Varanasi). I'm interested in Backend Development and Competitive Programming. I'm a dynamic individual with a fervor for learning and a knack for mastering new skills. My journey is defined by a commitment to continuous improvement and an insatiable curiosity that fuels my quest for knowledge.