

Shreya Shukla

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SKILLS

- **Languages:** C++, JavaScript, C, PHP
- **Frameworks:** HTML and CSS, Bootstrap, NodeJS, React
- **Tools/Platforms:** MySQL, MongoDB
- **Soft Skills:** Problem-Solving, Team Player, Communicational skills, Leadership skills

PROJECTS

- **Library Management System:** July 2024
Designed and developed an advanced Library Management System as part of a B.Tech academic project, employing a robust database architecture and efficient algorithms to automate and optimize key library functions such as book cataloging, user registration, borrowing/return tracking, and overdue management. Integrated user-friendly interfaces and implemented data security measures to ensure seamless interaction, enhancing operational efficiency and accessibility within an academic environment.
Tech: Java, MySQL, HTML, CSS, JavaScript, Spring Boot, Bootstrap, Git, JUnit.
- **Strategic Tourism Infrastructure Development for Enhanced Global Travel Awareness** June 2023
Orchestrated and spearheaded a complex construction initiative with the paramount objective of amplifying global tourism flows, intricately curating a framework to enhance foreign travelers' cognizance and appreciation of premier global locales, thus promoting expansive intercultural exchange and fostering informed, purposeful exploration.
Tech: HTML5, CSS3, JavaScript, Bootstrap, Google Maps API, SEO, PHP/MySQL, Google Analytics
- **Random Number Generator Game Module:** Nov 2022
Conceptualized and implemented a mathematically rigorous game module in Python, incorporating an advanced stochastic numerical generation mechanism confined within a strictly defined parameterized range to ensure cryptographic-grade randomness, algorithmic determinism, and systemic resilience.
Tech: Python, Random Module, Object-Oriented Programming (OOP), Mathematical Algorithms.

CERTIFICATES

- The Bits and Bytes of Computer Networking Dec 2024
- Mastering Data Structures and Algorithms Using C and C++, Udemy Dec 2024
- Programming in C++: A Hands-on Introduction Specialization Dec 2024
- Computer Architecture and Computer Organization Masterclass, Udemy Dec 2024
- Data Structures and Algorithms, Board Infinity July 2024
- ChatGPT for Beginners: Save time with Microsoft Excel, Coursera Apr 2024
- Introduction to Generative AI, Coursera Apr 2024
- HTML, CSS, and JavaScript for Web Developers, Coursera Apr 2024
- SQL for Data Science, Great Learning Apr 2024

ACHIEVEMENTS

- **PhD Induction 2022:** Event Leadership and Execution
- **Hosted Spectra 2022:** Event Leadership and Execution
- **Hosted Placement Day LPU 2022**
- **TEDx Public Speaking Champion** - Winner
- **Earth Hour Debate Finalist:** Winner
- **Impromptu Public Speaking Champion:** Winner
- **Poetry, Unplugged Expressions by Pradyut Foundation:** Winner

EDUCATION

- **Lovely Professional University** Punjab, India
Bachelor of Technology - Computer Science and Engineering; CGPA: 5.22 Since August 2022
- **Saint Joseph's school** Kahalgaon, Bihar
Intermediate; Percentage: 71.4% April 2020 - March 2022
- **Saint Joseph's School** Kahalgaon, Bihar
Matriculation; Percentage: 84.2% April 2018 - March 2020