Shashi Bhushan Kumar
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Projects

GoWithBus: Online Bus Ticket Booking Website   **Feb 2025 - Sept2025**

- Developed a responsive, user-friendly web application for online bus ticket booking.
- Implemented search functionality for routes based on origin, destination, and travel date.
- Designed sections for Popular Routes, Top Offers, and Customer Testimonials to enhance
- user engagement.
- Built a step-by-step booking process (Search → Select Seats → Payment → e-Ticket) with
- clear navigation.
- Focused on UI/UX design principles to deliver a clean and seamless booking experience.
- Tech: HTML, CSS and JavaScript
- GitHub Link: GoWithBus

Password Strength Evaluator   **May 2025 - Aug2025**

- Developed a web-based tool to help users create strong passwords by providing real-time strength evaluation and feedback.
- Implemented validation for length, uppercase, lowercase, numbers, and special characters, blocked common passwords, and detected predictable patterns (e.g., 1234, qwerty).
- Estimated password crack time using a brute-force model (1B guesses/sec) and included a built-in password generator with copy-to-clipboard functionality.
- Tech: HTML, CSS, JavaScript (Frontend); Python (http. Server, socket server) Backend; Regex pattern detection; Strategy Pattern for password evaluation.
- GitHub Link: Password-Strength-Checker

Certificates

CompTIA Linux+ (XK0-005):   **April 2024**
Cybrary — Certificate Link

Introduction to Cybersecurity Essentials   **March 2024**
Coursera — Certificate Link

Introduction to Hardware and Operating Systems: **November 2023**
Coursera — Certificate Link

The Bits and Bytes of Computer Networking: **November 2023**
Coursera — Certificate Link

Technical Skills

Frameworks/Languages: Html, CSS, Java, JavaScript

Tools/Platforms: Cisco Packet Tracer, Kali Linux, Wireshark, Nmap, Zphisher, the Harvester

Skills: Network Scanning, Packet Sniffing, Ethical Hacking, Foot printing & Reconnaissance, Phishing Simulation, Linux Command Line

Education

Lovely Professional University   **Since August 2022**
Computer Science and Engineering — CGPA:7.21   *Phagwara, Punjab*

J.J College   **2021 − 2022**
12th with Science — Percentage: 70.2%   *Gaya, Bihar*

Uttkramit H S Bitho   **2019 − 2020**
10th with Science — Percentage: 79.4%   *Gaya, Bihar*