

Sukhdeep Singh

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SKILLS

- **Languages:** C, C++, Java, Python, PHP
- **Frameworks:** HTML, CSS, Bootstrap, React
- **Tools/Platforms:** MySQL, MongoDB, Linux, MS Office, XAMPP, Selenium IDE
- **Soft Skills:** Team Leader, Strategic Thinker, Multilingual Communicator

PROJECTS

- **Automation Testing Using Selenium IDE** November 2024
Performed automated functional testing on Purplemath.com using Selenium IDE to validate core features. Created and executed test cases for navigation, search, and contact forms, ensuring cross-browser compatibility. Identified and logged defects, contributing to enhanced performance and user experience.
Tech: Selenium IDE, Test Documentation (IEEE 829-2008), Chrome, Firefox
- **Road Radar - Vehicle Tracking System** Dec 2023 - May 2024
Built a real-time vehicle tracking system to enhance monitoring and optimize transportation management. Developed an interactive user interface using React.js for a smooth and responsive experience. Handled backend operations using Node.js and Express.js, with MongoDB for data storage and retrieval.
Tech: MongoDB, Express.js, React.js, Node.js (MERN Stack)
- **Student Registration System** May 2023 - Aug 2023
Engineered a web-based platform to streamline and secure the student registration process. Crafted a responsive front-end using HTML, CSS, and Bootstrap for improved usability. Integrated PHP with MySQL via XAMPP for effective backend processing and database management.
Tech: HTML, CSS, Bootstrap, MySQL, PHP
- **Hospital Management System** Sep 2022 - Dec 2022
Designed a system to manage patient records, appointments, and staff scheduling efficiently. Programmed system logic using Java to control hospital workflow operations. Applied Linux Shell scripting to automate backend tasks and streamline data processing.
Tech: Java, Linux Shell

CERTIFICATES

- Agile Scrum Certification by Infosys Springboard May 2025
- Cyber Security Fundamentals Certification by Infosys Springboard Mar 2025
- Python Foundation Certification by Infosys Springboard Mar 2025
- Data Analysis with Python by Cognitive Class Feb 2025
- Software Engineering by Saylor Academy Oct 2024
- MongoDB by Great Learning July 2023
- Investment Banking Virtual Experience Program by Forage Mar 2023
- Fundamentals of Digital Marketing by Google Jan 2023

ACHIEVEMENTS

- **Secured 3rd Position:** Mar 2023
Among 60+ participants in the Capture The Flag Competition organized by Inspiria Knowledge Campus.
- **Awarded the Shining Star Badge:** Feb 2023
Recognized by Inspiria Knowledge Campus for good academic performance and extra-curricular activities.
- **Appointed as a Member of the Board of Advisors:** Oct 2022
Appointed as a Member of the Advisory Board at NSS Inspiria Knowledge Campus for significant contributions in social work, leadership, and event management.
- **Champion in the Inter-house Badminton Championship:** Dec 2019
Won the Inter-house Badminton Championship organized by TIGPS.

EDUCATION

- **Lovely Professional University** Punjab, India
Master of Computer Applications (MCA) Since August 2024
- **Inspiria Knowledge Campus** Siliguri, West Bengal
Bachelor of Computer Applications (BCA); CGPA: 8.96 August 2021 - July 2024
- **Techno India Group Public School** Siliguri, West Bengal
Intermediate; Percentage: 79.8% April 2020 - March 2021
- **Techno India Group Public School** Siliguri, West Bengal
Matriculation; Percentage: 85.1% April 2018 - March 2019