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.
  Designed and executed test cases for navigation, search, and contact forms, ensuring cross-browser compatibility.
  Identified and documented bugs, improving website performance and user experience.
  Tech: Selenium IDE, Test Documentation (IEEE 829-2008), Chrome, Firefox

- **Road Radar - Vehicle Tracking System** — Dec 2023 - May 2024
  Developed a real-time vehicle tracking system to optimize transportation management.
  Leveraged the MERN stack to create an efficient user interface with React.js, a robust backend with Node.js
  & Express.js, and utilized MongoDB for data storage.
  Tech: MongoDB, Express.js, React.js, Node.js (MERN Stack)

- **Student Registration System** — May 2023 - Aug 2023
  Engineered a web-based system to simplify and secure student registration.
  Designed a responsive front-end using HTML, CSS, and Bootstrap, while implementing PHP for backend logic
  and integrating MySQL via XAMPP server.
  Tech: HTML, CSS, Bootstrap, MySQL, PHP

- **Hospital Management System** — Sep 2022 - Dec 2022
  Built a comprehensive hospital management system to automate patient records, appointments, and
  staff management.
  Utilized Java for the application and Linux Shell scripting for efficient data processing and task automation.
  Tech: Java, Linux Shell

CERTIFICATES

- 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*