

Sahil Dhiman

 www.linkedin.com/in/sahil-dhiman

 [SahilDhiman120/](https://github.com/SahilDhiman120/)



Sahil



dhimansahil269@gmail.com



9871611161

TECHNICAL SKILLS AND INTERESTS

- Programming Languages: Java, Python, C++, SQL
- Frameworks & Libraries: Spring Boot, JPA, Hibernate, HQL
- Web Development: HTML, CSS, JavaScript, Mustache
- Tools & Platforms: Git, IntelliJ IDEA, Eclipse, MySQL, Postman
- Other: Competitive programming, Data Structures, Algorithms, Networking basics

EDUCATION

- | | |
|---|----------------------------|
| • B.Tech. CSE -Echelon Institute of Technology
CGPA- 7.83/10 (till 6 th Sem) | Nov 2021- July 2025 |
| • 12th – Prakash Bal Bharti Public School
Percentage- 93% | Apr 2020- Mar 2021 |

WORK EXPERIENCE

YHills pvt. limited (Intern)

- Contributed to various projects involving Java and web development.
- Worked on building applications with Spring Boot, focusing on backend functionalities like data management and API integration.
- Assisted in developing educational content and tools for programming tutorials.

PROJECTS

Tour Website- Exploria

- Developed a responsive tour website, Exploria, using HTML, CSS, and JavaScript, featuring engaging content.
- Designed a user-friendly interface with intuitive navigation and optimized performance for seamless user experience.

Football Match Analysis Using OpenCV

- Built a football match analysis tool using OpenCV, designed to track players and the ball in video footage.
- Implemented algorithms for player and ball detection using object detection techniques (e.g., YOLO, SSD).
- Analyzed ball trajectory and player movements to detect important events such as goals, fouls, and passes.
- Generated heatmaps and activity zones to illustrate player involvement and performance metrics.
- Optimized performance for real-time video analysis, allowing for smooth tracking and data visualization.

CERTIFICATES

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| • Python Training – by Barclays | Mar 2024 |
| • CISCO Networking Essentials | August 2024 |