


# Simarpreet Singh

Full Stack Developer · Tech Researcher · Software Developer

 (+91)9877026055 |  isimarpreet26@gmail.com |  New Delhi, India |  LinkedIn |  Github

## Skills

**Programming:** Java, Apex, JavaScript, HTML, CSS, Data Structures and Algorithms (DSA)

**Framework & Tools:** React.js, SQL, **Salesforce** (Administration, Development, Lightning Web Components, SOQL), **SAP ABAP** (Smartforms), **Asite** (Workflows, Triggers, Forms), Eclipse, Visual Studio Code.

**Design Strategy & Vision:** Presentation, User Flows, Smartforms Design (SAP ABAP), Workflow Automation (Asite), WonderShare Filmora

## Experience

### IT Engineer Intern BPTP Pvt. Ltd., Noida

August 2024 – October 2024

- Developed a **Salesforce** application to track book reading progress, including the migration of data using **Data Loader** and **mapping**.
- Created and implemented workflows and forms using **Asite** to streamline operations.
- Gained hands-on experience with **SAP ABAP**, focusing on basics and smartforms.
- Worked on Salesforce Lightning Web Components to enhance application functionality.
- Managed inquiries and provided support to customers regarding technical issues.
- Acquired practical knowledge about the operation of attendance punching machines.

## Education

BACHELORS OF TECHNOLOGY IN Computer Science and Engineering, GPA: 8.32/ 10.0 (CURRENT)

2021- Present

### Guru Gobind Singh Indraprastha University

New Delhi, INDIA

- Web Development, Udemy (Online Course)—PRESENT
- Java Programming (Offline Course)—Sep 2022
- Mathematics
- Database Management Systems

### WoodLand Overseas School

Hoshiarpur, Punjab, INDIA

CLASS XII, CENTRAL BOARD OF SECONDARY EDUCATION, SCIENCE STREAM: PHYSICS, CHEMISTRY, MATHEMATICS  
ENGLISH, PHYSICAL EDUCATION-87%

2020 - 2021

### WoodLand Overseas School

CLASS X, CENTRAL BOARD OF SECONDARY EDUCATION-86%

2018 - 2019

## Projects

### 1. Netflix Clone

Deployed [isimarpreet.github.io/Netflix-clone/](https://github.com/isimarpreet/Netflix-clone/)

Repository link-<https://github.com/isimarpreet/Netflix-clone.git>

Developed a responsive web application replicating the Netflix interface using HTML, CSS, and JavaScript.

**Key Skills Demonstrated:** Front-end development (HTML, CSS, JavaScript) and Responsive design, user experience (UX) principles, and deployment/hosting of web applications

### 2. Portfolio website

-<https://github.com/isimarpreet/Personal-Website.git>

**Portfolio Summary:** A curated collection of web development projects showcasing expertise in HTML, CSS, emphasising user-centric design and clean code practices.

### 3. Smart Dustbin

**Smart Dustbin Project:** Designed and developed a Smart Dustbin integrating ultrasonic sensors and microcontroller programming for precise waste management.

Key Skills Demonstrated: IoT hardware integration, microcontroller programming (Arduino)

### 4. Currency converter(JAVA)

[https://github.com/isimarpreet/Currency\\_converter.git](https://github.com/isimarpreet/Currency_converter.git)

Currency converter project(JAVA): Created a Java-based currency converter application with real-time exchange rates using external APIs. Designed for user-friendly navigation, error handling, and efficient currency conversions. Demonstrates strong proficiency in Java programming and practical software development skills.

### 5. Leetcode problem solving in JAVA

[https://github.com/isimarpreet/Leetcode\\_answers.git](https://github.com/isimarpreet/Leetcode_answers.git)

- Proficient in solving algorithmic challenges on LeetCode using Java.
- Demonstrated strong problem-solving skills and expertise in data structures through efficient coding practices

### 6. Offer Letter Generator

Project URL: <https://offer-letter-generator.netlify.app/>

- **Purpose:** Automated tool for generating personalized internship offer letters.
- **Features:** Input reference number, name, position, start date, and end date; exportable PDF format.
- **Technologies:** HTML, CSS, JavaScript, PHP
- **Contributions:** Designed UI, implemented PDF export, and deployed on Netlify.

### 7. KribSpace

GitHub Repository: [KribSpace](#)

- **Description:** AI-powered real estate application that interprets natural language queries to fetch property information.
- **Functionality:** Users input queries in natural language; the app processes these through an API, retrieves data from an internal database, and provides details on location, price, type, and amenities.
- **Technologies:** HTML, Google APIs, Node.js, CSS, JavaScript, Postman

### 8. User Management System

[GitHub Repository](#) | [Live Demo](#)

Technologies Used: React.js, CSS, REST API

- Developed a user management application performing CRUD operations (Create, Read, Update, Delete).
- Integrated with a REST API to fetch and manage user data dynamically.
- Implemented features to create new users, edit existing users, delete users, and view user details.
- Utilized React.js for building a responsive and interactive front-end interface.
- Applied modern CSS techniques to enhance the application's design and user experience.

## Certifications and Professional Development

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#### • Trailhead Experience

- **Points Earned:** 11,000
- **Badges Earned:** 2
- **Description:** Completed a range of Salesforce training modules and projects, enhancing skills in Salesforce development, administration, and Lightning Web Components.

## Extracurricular Activities

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- **Sergeant, National Cadet Corps (NCC)**
- **Description:** Provided leadership and mentorship to cadets, organized and conducted training drills and events, and contributed to the discipline and effectiveness of the unit. Developed skills in leadership, organization, and team coordination.