

# SHREY GOEL

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## EDUCATION

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- Netaji Subhas University of Technology - Delhi , India** Aug 2020 - Present  
*Bachelor of Technology - Information Technology* CGPA: 6.8
- International Indian School Dammam - Saudi Arabia** 2020  
*CBSE - Class 12th* Percentage: 91.8

## EXPERIENCE

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- DEFENSE RESEARCH AND DEVELOPMENT ORGANIZATION (DRDO)** 05/2023 - 07/2023  
*Research Internship(Information and Web Security)* New Delhi
  - Researched on different types of hacking and web security attacks that occur in web applications
  - Built a working Secure Web Application using Penetration Testing which can be protected from basic web application attacks like SQL injection, XSS(cross site scripting) , Brute force attacks, etc.
- GOOGLE 30 DAYS OF CLOUD (GCP)** 09/2021 - 10/2021  
*Cloud Computing Engineer Trainee* Remote
  - Completed 2 tracks in cloud engineering and data science and machine learning
  - Learnt and practiced cloud concepts like cloud computing, big data, application developments, and machine learning

## PERSONAL PROJECTS

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- OPENAI API Project**  
*CHATBOT*
  - \* Used OPENAI API to create a custom chatbot for pizza restaurants
  - \* Created after completing the "ChatGPT Prompt Engineering for Developers" course offered by DeepLearning.AI
- Binary Image Classification Project**  
*A machine learning project that trains a model to classify images into two categories.*
  - \* Created a Binary Image classification model to predict diabetic retinopathy
  - \* Classifies the images as Referenceable or Non Referenceable
- Secure Web Application using Penetration Testing**  
*A twitter clone protected from basic web application attacks like SQL injection, XSS(cross site scripting),Brute force attacks, etc.*
  - \* With the help of tools like Burp Suite , OWASP and DVWA i developed a twitter clone protected from basic web application attacks
  - \* For creating the application React.js was used for Frontend , Next.js for routing and server side rendering. Tailwind for CSS management, Prisma for data management and MongoDB for backend storage.

## ACADEMIC INITIATIVES

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- Innovation, Business Models and Entrepreneurship**  
*Course offered by NPTEL on innovation and its applications in different spheres of development and growth.*
- Project Management For Managers**  
*Course offered by NPTEL to learn and apply essential project management knowledge and skills.*

## TECHNICAL PROFICIENCIES

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**Languages :** SQL , PYTHON , C++/C, HTML/CSS , JavaScript

## EXTRA-CURRICULAR ACTIVITIES

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- Volunteer at MOKSHA-INOVISION 2022**
- Member of SUBHASHA - The literary chapter of NSUT**
- Table Tennis - State Level ; won ISG championship in 2018**