



# Himanshu Sachdeva

2021256, Email: [himanshu21256@iiitd.ac.in](mailto:himanshu21256@iiitd.ac.in)

[www.linkedin.com/in/sachimanshu](https://www.linkedin.com/in/sachimanshu)

DOB: January 10, 2004

Address: Delhi NCR, India



## Education

### Indraprastha Institute of Information Technology Delhi

B. Tech CSE (2021 – Present)

### Amity International School, Mayur Vihar

Class 12 CBSE (2020 – 2021)

### Delhi Public School, Gautam Buddha Nagar

Class 10 CBSE (2018 – 2019)

CGPA: 8.6

(till 4<sup>th</sup> Semester)

Percentage:

98.2%

Percentage:

98.4%

## Skills

**Expertise Area** Object Oriented Programming, Database Management Systems

**Programming Language** Python, JavaScript, Java, C, C++

**Tools and Technologies** React Native, ReactJS, Git, Tailwind, React Expo, Express, ES6, Figma, Express JS, Github, Node.js, NextJS, MongoDB, HTML5, CSS

**Technical Electives** Advanced Programming in Java, Algorithm Design and Analysis, Computer Organization, Database Management Systems, Data Structures and Algorithms, Discrete Maths, Operating System

## Experiences

### Summer Undergraduate Research Fellow

(Jun 23 – Jul 23)

Guide: Mr. Anmol Srivastva, Department of Human-Centered Design, IIIT Delhi

- Pioneered an **orientation-based olfactory system** for Temple Run, addressing the absence of olfaction in gaming.
- Utilized **body tracking, computer vision, and hardware control** to dynamically adjust fragrance release, enhancing immersion.
- Enabled users to control the game character's running direction based on physical orientation, increasing realism.
- **Grant of Rs. 40,000** awarded by IIIT Delhi

### Boom: Target Web3 Audiences

(Jan 23 – Apr 23)

Apprenticeship (Entrepreneurial Venture)

[\[Prototype\]](#)

- Accomplished professional with a successful track record delivering impactful results in design, development, and marketing.
- **Single-handedly spearheaded** complete website development of both Product and Landing, managing all aspects from inception to deployment.
- Leveraged advanced technologies, including **NextJS, MongoDB, WalletConnect SDK**, and Metamask, to create seamless user experiences.
- Launched campaign for Bovada.lv, driving increased brand exposure and customer engagement, acquiring **1K+ new customers**.

### Google Developer Student Club IIITD

(Nov 22 - Present)

Mobile Developer Lead

- Guided and **mentored over 100 students** in successfully developing their first Android app at Compose Camp: Build Your First Android App + Mini Hack.
- Speaker at WebDev Bootcamp, **delivering presentations** on **Github** and **HTML-CSS**

## Projects

### [Recipedia: A Recipe A Day](#) (Independent Project, Team Size-2)

(Jan 23 – Apr 23)

Guide: Dr Ganesh Bagler, Complex Systems Lab IIIT Delhi

- Played a pivotal role in building the backend with **MongoDb**, ensuring **secure storage** of email addresses and implementing subscription and customization features.
- Utilized Postman API for **efficient testing and authentication**, incorporating bearer token authentication with refresh tokens to enhance security and user experience.
- Employed Node-mailer to seamlessly deliver **personalized emails**, enhancing platform functionality and promoting user engagement.
- Applied **Docker** to deploy the application within the **college network**, optimizing its performance and reliability.

### [ComfortCruise: Cab Booking System](#)

(Jan 23 – Apr 22)

Guide: Dr. Vikram Goyal (Team Size-2)

[\[Github\]](#)

- Developed the frontend of the mobile app using **React Native**, which connects to the backend **SQL** using Express APIs.
- Designed a well-structured relational schema, incorporating integrity constraints to maintain data accuracy and consistency. Implemented OLAP queries, triggers, and views to deliver comprehensive business analytics solutions.

### [Social DeFi platform](#)

(Dec 22 – Dec 22)

Project for EthIndia Hackathon (Team Size-5)

- A project built in **ETHIndia 2022** with the aim of building a Socialized DeFi platform
- Utilized NextJs, EthersJs, MongoDB for efficient and effective frontend development
- Played a key role in the project's success, as evidenced by **winning a prestigious \$1700+ pool prize** in ETH India from prominent entities such as **Filecoin, Covalent, and Push**.

## Other Projects

### [Games NFT Marketplace](#) | **Tech Stack:** ReactJs, Solidity, Hardhat

(Nov 22 – Nov 22)

Project for HackDelhi Hackathon (Team Size-4)

[\[Github\]](#)

- Implemented NFT technology to combat online piracy in the gaming industry, securing **second place** and a **cash prize of Rs.5000**.

### [Tank Stars](#) | **Tech Stack:** Java, LibGdx, Box2D

(Oct 22 – Dec 22)

- Developed a Tank Stars clone utilizing **object-oriented** and **event-driven programming**, incorporating JUnit testing and design patterns. [\[Github\]](#)

### [Linux Shell](#) | **Tech Stack:** C

(Sep 22 – Dec 22)

- Created a shell program with internal and external command support, utilizing fork(), exec(), and wait() system calls, **handling corner cases**. [\[Github\]](#)

## Positions of Responsibility

- Mobile Developer of **Google Developer Student Clubs IIITD** (Sep 22 – Present)
- Mobile and Web Developer of **Entrepreneurship Cell IIITD** (Sep 22 – Present)
- Operations Team at **Byld Club IIITD** (Sep 22 – Present)

## Awards and Achievements

- 3rd Position Covalent, Pool Prize Winner FileCoin, PushProtocol – **EthIndia** (Dec 22)
- 2nd Position, **Lumos BUIDL** Hackathon (Nov 22)
- Scholarship America – nVent **Scholarship Award Holder** (Aug 22 - Present)

## Interests and Hobbies

- Studying Chess games and analysis
- Internet of Things (IoT) Enthusiast

Declaration: The above information is correct to the best of my knowledge.  
Himanshu Sachdeva  
Date: Jun 29, 2023

*Links Unavailable?*

*Scan!*



[himanshusac.my.canva.site](https://himanshusac.my.canva.site)