



Niket Agarwal

2022320, Email | niket22320@iiitd.ac.in |

DOB: June 30, 2004

Address: RG-01, Cosmos Greens, Bhiwadi



Education

Indraprastha Institute of Information Technology

B.Tech (Computer Science and Biosciences)

2022 - Present

CGPA: 7.35

Nav uday convent senior sec school, Delhi

CBSE, Standard 12, PCM

Percentage: 89%

Modern Public School, Rajasthan

CBSE, Standard 10

Percentage: 95.2%

Skills

Expertise Area Data Structure, Algorithm Design, OOPs, SQL, Operating System, Data Collection and Visualization, UI/UX, Team Leadership, Organizational skills, Web development (HTML, CSS)

Programming Language Python, C++, C, Java, HTML, CSS, JavaScript, SQL, React

Tools and Technology Git, Github, Linux, IntelliJ IDEA, JavaFX, MySQL Workbench, VSCode, Figma, AWS

Technical Elective Fundamentals of Database Management System, Computer Organisation, Analysis and Design of Algorithms, Data Structures and Algorithms, Advance Programming in Java, Computer Organisation, Human Computer Interaction.

Projects

ShelfMaster (Working application using SQL)

(Apr, 24 – May, 24)

Team Size- 1

Guide: Vikram Goyal

A bookstore application leveraging SQL and DBMS for efficient inventory management, user transactions, and seamless database interactions. Ideal for streamlined book cataloging and sales tracking. Repository link [here](#)

Stick Hero Game Implementation (Java OOPs)

(Oct, 23 – Dec, 23)

Team Size- 2

Guide: Raghava Muthuraja

Made a working replica of the Stick hero game using the concepts of OOPs, SceneBuilder and JavaFX. Also added some extra features such as Save game, which enhance the user experience. Repository link

[Here.](#)

INSight Diabetes

(April,24 – May,24)

Team Size- 6

Guide: Dr. Tavpritesh Sethi

Developed a web application using HTML, CSS, and Flask that identifies critical SNPs in the INS gene associated with diabetes. The tool integrates genetic data with user-reported symptoms to provide a comprehensive risk assessment for diabetes. Repository link [Here](#).

Unilife: Campus Management app

(Nov,23 – Dec,23)

Team Size- 4

Guide: Rajiv Ratna Shah

Leveraged Figma to design a comprehensive Campus Management App, creating prototypes and incorporating intuitive user interfaces for streamlined campus administration. Figma link [Here](#).

Certificates

- **IBM Introduction to web development and with HTML,CSS and Javascript.**
[Link here](#)
- **AWS cloud practitioner Essentials.**
[Link Here](#)

Positions of Responsibility

- **Core team member in LeanIN Club** **(Sep,23 – Present)**
- **Organizing member in Odyssey Cultural Fest** **(Nov,23 – Jan,24)**
- **Organizing member in Esya Technical Fest** **(Mar,23 – Aug,23)**

Declaration: The above information is correct to the best of my knowledge.

Niket Aagrwal

Date: January 12, 2024