

# Niket Agarwal

<https://niketagarwal.com>

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## EDUCATION

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- **IIIT-Delhi** Delhi, India  
*B.Tech in Computer Science and Biosciences* *Sept. 2022 – Current*
- **Nav Uday Sn Sec School** Delhi, India  
*High School ; Percentage: 89* *April. 2020 – June. 2022*

## EXPERIENCE

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- **IIIT-Delhi** Delhi  
*SDE Intern* *June 2024 - Present*
  - **Web Dev (HTML, CSS, Javascript):** Updated the frontend using HTML, CSS, and Javascript.
  - **Django:** Main task was to update the code written in Django 2 to Django 3.
  - **SQL:** Worked on optimizing SQL queries for better performance.

## PROJECTS

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- **ShelfMaster (Working application using SQL):** 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.
- **Stick Hero Game Implementation (Java OOPs):** 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.
- **INSight Diabetes:** 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.
- **Unilife: Campus Management App:** Leveraged Figma to design a comprehensive Campus Management App, creating prototypes and incorporating intuitive user interfaces for streamlined campus administration.

## ACHIEVEMENTS AND CERTIFICATIONS

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- IBM Introduction to Web Development with HTML, CSS, and JavaScript
- AWS Cloud Practitioner Essentials

## PROGRAMMING SKILLS

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- Languages: Python, JavaScript, C++, SQL, Java, C
- Tools and Technology: Git, GitHub, Linux, IntelliJ IDEA, JavaFX, MySQL Workbench, VSCode, Figma, ReactJS, Flask, MySQL, OpenCV
- Expertise Area: Data Structure, Algorithm Design, OOPs, SQL, Operating System, Data Collection and Visualization, UI/UX, Team Leadership, Organizational Skills, Web Development (HTML, CSS)

## POSITION OF RESPONSIBILITY

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- Team Lead at LeanIN Club IIIT-Delhi
- Organizing Team in Odyssey
- Organizing Team Member at E-Summit IIIT-Delhi