

# NANCY KANSAL

✉ [Mail](#) | ☎ [+91 8279523779](#) | [in LinkedIn](#) | [Github](#) | [Website](#)

## Technical Skills

**Programming Languages:** Python, Java ,Android Application Development, HTML ,CSS,Node.js, Google Firebase  
**Developer Tools:** Android Studio , Android SDK, Visual Studio  
**Technologies/Frameworks:** Rest API, Tkinter  
**Databases :** DynamoDB(NoSQL) , MySQL, Neo4j  
**Core Subjects:** Data Structure Algorithm, Operating System, OOP Concepts, DBMS

## WORK EXPERIENCE

### BI Computing | Software Development Engineer Intern

May 2023 - July 2023

- Developed and optimized an order processing system, enhancing features and performance.
- Contribute to improving the user interface (UI) of the order processing system to enhance usability and user experience.
- Work on database-related tasks, such as optimizing queries, designing database schemas

## Projects

### MetalCrads | *Bootstrap , Node.js*

November 2024

- Developed and launched a web platform allowing customers to upgrade their standard plastic cards to premium metallic cards, enhancing user experience and engagement.
- Implemented a responsive, user-friendly interface using Bootstrap to ensure seamless access across desktop, tablet, and mobile devices.
- Created a backend system using Node.js to manage customer orders, track design preferences, and handle product inventory in real time.

### JIIT ChatBot | *Java , Android Studio*

July 2023

- Developed a secure Android application using Java and Android Studio, integrating an AI-powered chatbot to facilitate anonymous chat for college students.
- Implemented Google authentication and real-time database for seamless backend functionality and ensured robust encryption and user authentication to protect personal data.
- Designed the app to prioritize privacy and confidentiality, leveraging chatbot technology to enhance user engagement and automate interactions

### InfectioScope | *Python , Tinkter*

October 2022

- Conducted advanced data analysis on large datasets using statistical methodologies (e.g., regression analysis) to identify significant correlations between diseases, including Covid-19, and relevant variables
- Employed data visualization techniques to extract actionable insights from complex datasets, enhancing the clarity of findings and decision-making processes.
- Delivered strategic insights that contributed to a deeper understanding of disease dynamics and informed interventions aimed at mitigating public health risks.

### BookVax Android App | *Java ,Android SDK , Google Firebase*

January 2021

- Developed and implemented an innovative automatic vaccine availability notification system as a key feature within the mobile application.
- It Enhanced user engagement and ensured timely access to vaccinations, supporting public health during the pandemic.
- Leveraged Google Cloud Messaging to design and deploy a robust solution that effectively alerted users in real-time about vaccine availability in their respective areas.

## EDUCATION

### Jaypee Institute Of Information Technology

2020 –2024

*Bachelor of Technology in Computer Science and Engineering*

*Noida, UttarPradesh*

### Delhi Public School

2019 –2020

*Intermediate School*

*Hapur, UttarPradesh*

## ACHIEVEMENS

### Accenture UK Developer and Technology Completion Certificate

*Developed an end to end understanding of the Software Development Lifecycle.*

### AWS APAC - Solutions Architecture Job Simulation

*Designedand scalable hosting architecture based on Elastic Beanstalk for a client*

### Google Cloud Challenge

*Explore cloud events*