

# Sanket Singh Negi

 [Github](#) |  [LinkedIn](#) |  [leetcode](#) |  [negisanket13@gmail.com](mailto:negisanket13@gmail.com) |  +91-9717215918

## SUMMARY

Final-year engineering student with strong interests in software development and AI/ML. Experienced in real-world applications, including churn prediction systems and GenAI-based solutions. Currently exploring backend development using Spring Boot. Proficient in data structures, algorithms, and building scalable solutions. Eager to contribute to meaningful projects and grow within tech-driven environments.

## WORK EXPERIENCE

 **Xtelify Limited (formerly Airtel Digital), Gurugram** | Software Engineer Intern April 2025 – Present

- Working on GenAI projects involving Retrieval-Augmented Generation (RAG), LangChain, and agentic AI.
- Building Python-based backend solutions integrating LLMs (e.g., GPT-4, LLaMA) into enterprise applications.
- Designing prompt pipelines, RAG architectures, and knowledge retrieval flows to enhance model responses.

 **Bharti Airtel, Gurugram** | Software Engineer Intern July 2024 - Sept 2024

- Developed and deployed a **Churn Prediction model** using advanced machine learning algorithms, including Naive Bayes, SVM, KNN, Random Forest, and Decision Tree, achieving an **accuracy improvement of 15-20%** in identifying at-risk DTH customers.
- Conducted extensive **Hyperparameter tuning** and algorithm evaluation, identifying optimal configurations for each model, resulting in a 30% increase in model precision and **25% faster processing times**.
- Delivered detailed presentations of the ML pipeline and recommendation system to stakeholders, demonstrating its impact on **customer retention** and business growth.

## SKILLS

- Languages & Libraries : Java , Python, HTML, CSS, JavaScript, C, ReactJS, Spring Boot, Scikit-learn, TensorFlow
- Tools and Software: Git, GitHub, Kaggle, Jupyter Notebook, Unix.
- Database: SQL (MySQL)
- Subjects: Data Structures and Algorithms, Object-Oriented-Programming (OOPS), CI/CD, Software Development Life Cycle (SDLC), Agile Methodology, Operating System, Database Management System, System Design

## EDUCATION

**Guru Gobind Singh Indraprastha University, New Delhi** Nov 2022 - 2026

Bachelor of Technology (B. Tech) in Artificial Intelligence and Machine Learning GPA:8.26

## PROJECTS

**Travello – A tourism and travel Application** [Link](#)

- Developed a fully responsive travel website using React, HTML, CSS, and Bootstrap, optimized for both mobile and desktop views.
- Implemented interactive features such as search functionality, dynamic destination cards, hotel listings, and smooth navigation to enhance the user experience.

**Cardio-Risk Prediction System** [Link](#)

- Developed a machine learning model for heart disease prediction, leveraging advanced algorithms to achieve accurate and reliable results.
- Achieved high accuracy by leveraging preprocessing, feature selection, and algorithm tuning.

## POSITION OF RESPONSIBILITY & ACHIEVEMENTS

### • Team Leader - Smart India Hackathon 2024

Led a team in the Smart India Hackathon (SIH) 2024 and successfully advanced through the College's Internal Hackathon.

### • Volunteer - National Service Scheme (NSS), GTBIT

Volunteered in Youth Activation Program conducted for Special Olympic Bharat. Conducted a session for 40+students.

### • Solved 200+ DSA problems across multiple platforms like leetcode , GFG and Coding Ninjas.