

# NIKITA KUMARI

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## EDUCATION


### I.K.G. PUNJAB TECHNICAL UNIVERSITY

B. Tech. in Computer Science & Tech. | 2026

- **Concentrations:** Data Structures, Algorithms, Computer Networks, Cloud Computing
- **Core Courses:** Data Structures, Algorithms, Artificial Intelligence, Operating Systems, Database Management Systems, Programming Languages
- **Electives:** Machine Learning, Cloud Computing, Programming in Python


## EXPERIENCE

### NIELET, Chennai

IoT in Data Analysis Intern |  June 2024 - Aug 2024

- Analyzed real-time IoT sensor data using **Python** and **Pandas**, improving data efficiency by **20%**
- Implemented an IoT based Battery Health Monitoring System for EV Charging
- **Github Link:** [github.com/iamnikitaa/quilles-pulse](https://github.com/iamnikitaa/quilles-pulse)
- **Demo:** [wokwi.com/projects/404276484147584001](https://wokwi.com/projects/404276484147584001)

### META Craftlab

Full Stack Development Intern |  Jun 2024 - July 2024

- Developed full stack application using **Svelte** and **Sveltekit**
- Pioneered a comprehensive Developer Toolkit to streamline development workflows
- **Github Link:** [github.com/iamnikitaa/craftchat](https://github.com/iamnikitaa/craftchat)
- **Demo:** [craftchat-seven.vercel.app](https://craftchat-seven.vercel.app)

## SKILLS

- **Programming Languages:** Python, C++, C, JavaScript
- **Web Development:** Django, Flask, Svelte, HTML, CSS, SQL
- **Database:** MongoDB, MySQL, PostgreSQL
- **Tools & Platform:** Git, Github, VS Code, Jupyter Notebook, Sublime Text

## ACHIEVEMENTS & EXTRACURRICULAR

- **Published Writer:** Had two poetry pieces published in 2023 through events organized by the **Department of Holistic Development**.
- **National Cadet Corps (NCC):** Served as an **NCC Cadet**, actively participating in various drills, training programs, and events, fostering leadership, discipline, and teamwork.
- **Myntra HackerRank Competition:** Led a team in the **Myntra HackerRank** competition, securing a spot in the **top 4% of teams** that advanced to the pre-finale phase
- **Active College Participant:** Engaged in various college events and secured **Second Place** in a **Cultural Dance Competition**.

## LANGUAGES KNOWN

- English, Hindi, Punjabi, Spanish (basic knowledge)