

Niteesh L

✉ niteeshleela@gmail.com | ☎ +91-9791825805 | in [linkedin.com/in/niteeshl](https://www.linkedin.com/in/niteeshl) | 🐙 github.com/NiteeshL

Education

SRM University, *B.Tech Computer Science and Engineering*
CGPA: 9.38

June 2022 – May 2026

Experience

SDE Intern, *FirstMelon Software Systems Pvt Ltd – Chennai*

August 2024 – Present

- Currently working in a **fintech** company, focusing on modern technologies and frameworks to build end-to-end applications.
- Acquired proficiency in **Java** and **Spring Boot** for developing scalable applications while also gaining hands on experience with **PostgreSQL**, including **database design, querying, and optimization**.
- Built expertise in **web development**, integrating front-end and back-end systems to deliver seamless user experiences in financial services.

Web Developer Intern, *Teachnook – Remote*

Oct 2023 – Nov 2023

- Worked with modern web technologies like **HTML**, **CSS**, **JavaScript**, and **Node** to build scalable web solutions.
- Gained exposure to version control systems like **Git** and **agile development methodologies** while contributing to real world projects.

Projects

genVisionary | *Flask, PyTorch, Audiocraft, CUDA, MusicGen model*

github.com/NiteeshL/genVisionary

- Developed an **AI powered web application** using **Flask** that generates custom industry-grade music clips from text prompts using generative deep learning models.
- **Optimized model performance using CUDA** to reduce music generation time by **70%** achieving real-time results within seconds.

SentiMatrix | *Flask, Pandas, Scikit-learn, Matplotlib*

github.com/NiteeshL/SentiMatrix

- Built a **Flask based web application** to analyze **product reviews** in CSV format, **summarizing emotions** and displaying results through dynamic bar graphs and pie charts.
- Integrated advanced **data analysis** and **NLP frameworks** to deliver interactive, scalable solutions with seamless **web deployment**.

PharmaForge | *Node.js, Express.js, MySQL, REST API*

github.com/NiteeshL/PharmaForge

- A **pharmacy web app** built using **Node.js**, streamlining inventory, sales, and customer management with an efficient, scalable backend.
- Designed and implemented a **robust database schema** with **MySQL**, ensuring secure and optimized storage of medical records and transactions.
- Focused on security with authentication and **role based access control**, ensuring safe handling of sensitive customer and pharmacy data.

Skills

Programming Languages

Java, C++, C, SQL (MySQL, PostgreSQL)

Developer tools

GitHub, VS Code, ServiceNow, AutoCAD

Web and App technologies

HTML, CSS, JavaScript, Spring Boot, JSP

Miscellaneous

Prompt engineering, Competitive programming

Certifications

- **Certified system administrator (CSA)**, [ServiceNow](#)
- **Programming in Java (Elite score)**, [NPTEL](#)
- **Introduction to Machine Learning (Elite score)**, [NPTEL](#)

Patents and Publications

- **EchoSigns: Your Voice Through Gestures** (Patent is still under process)
- **Optimizing Machine Learning Models with CUDA: A Performance Analysis** (Journal yet to be published)

Achievements

- Ranked in the **top 8%** of the department, achieved O-grade in mathematics in **every semester**
- Awarded the **Best Class Representative** title, holding the position for the longest duration to date

Positions of responsibility

- **Volunteer**, *Baby Sarah's home*
- **Class Representative**, *SRM University*

Jun 2024 – Present

Jun 2024 – Present