



EKANSH LAMBA

el3709@srmist.edu.in | 8423092490 | 2027

B.Tech, Computer Science and Engineering

Address : N-108 Abode Valley Kakkan St, Potheri, Chennai,

Kattankulathur, Tamil Nadu 603203



Summary

Third-year Computer Science student with hands-on project experience in both backend and frontend development. Passionate about building complete applications and skilled in machine learning fundamentals. Eager to secure a software developer internship to contribute to a collaborative team and expand my technical expertise.

Education

SRM IST-Kattankulathur

B.Tech · Computer Science and Engineering

2027

CGPA - 8.58/10

Puranchandra Vidyaniketan

Class XII - CBSE · MPC · Kanpur, UP

2023

Percentage - 69.4%

Puranchandra Vidyaniketan

Class X - CBSE · Kanpur, UP

2021

Percentage - 80.5%

Projects

Fashion Trend Analysis | [Trend Analysis Repository](#)

· Python, TensorFlow, Streamlit, OpenCV, Pandas

Jul 2025 - Present

Machine Learning

- Built a fashion trend prediction model using the **H&M dataset** by integrating image and textual product data.
- Designed a Streamlit dashboard to visualize trend patterns and similarity scores between fashion items using cosine distance.

Wheelify - Vehicle Rental System

· Java, React.js and CSS, MySQL, Maven, Git

Jan 2025 - May 2025

Database Management

- Engineered a full-stack web application using Spring Boot for RESTful APIs and React.js for a responsive, mobile-first user interface.
- Designed and implemented a normalized MySQL database schema to efficiently manage user data, vehicle inventory, bookings, and payments.

OptiGlyph — CNN-based Digit Recognition | [Github Repository](#)

· Python, TensorFlow, Keras, NumPy, Matplotlib

Jan 2025 - Feb 2025

Digital Image Processing

- Implemented a Convolutional Neural Network (CNN) from scratch, achieving over 98% validation accuracy on the MNIST dataset.
- Developed automated preprocessing scripts to normalize and augment image data, significantly improving model performance and generalization.

Certifications

Virtual Internship, Cybersecurity | [CyberSecurity](#)

AICTE · 3dfcc03aa2963be5f0c87b8cb27fb8c8

Mar 2025

Introduction to Machine Learning | [ML NPTEL](#)

NPTEL

Sep 2025

Volunteering

Janani The Mother | [NGO Certificate](#)

Volunteer · Sleep Apnea Awareness

Jun 2025 - Jul 2025

Skills

Programming Languages: C, C++, SQL, Java, Python
Languages and Frameworks: React.js
Technical Skills: TensorFlow, Keras, Numpy
Tools and Technologies: HTML, CSS, Rest APIs, Git, Maven, Arduino IDE
Design and Simulation Tools: Figma

Extra Curricular Activities

- Senior Marketing Manager, AIESEC Chennai**

Aug 2024 - Jun 2025

Spearheaded marketing campaigns for 4+ organizational events, resulting in a 25% increase in student attendance
- Creative Team Lead, FUTURIX**

Oct 2024 - Oct 2025

Lead a team of designers in creating all visual content for club events, and mentor junior members on UI/UX principles using Figma.
- Committee Member, AARUUSH SRMIST**

Sep 2023 - May 2024

Coordinated logistics and resource management for 5 technical and cultural events with over 1000+ attendees.

Languages

English [Professional Working Proficiency], Hindo [Native Proficiency]

Links

[LinkedIn](#), [GitHub](#)