



EKANSH LAMBA

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B.Tech, Computer Science and Engineering

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INSTITUTE OF SCIENCE & TECHNOLOGY

(Deemed to be University u/s 3 of UGC Act, 1956)

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	2027
B.Tech · Computer Science and Engineering	CGPA - 8.58/10
Puranchandra Vidyaniketan	2023
Class XII - CBSE · MPC · Kanpur ,UP	Percentage - 69.4%
Puranchandra Vidyaniketan	2021
Class X - CBSE · Kanpur, UP	Percentage - 80.5%

Projects

Fashion Trend Analysis Trend Analysis Repository	Jul 2025 - Present
· Python, TensorFlow, Streamlit, OpenCV, Pandas	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	Jan 2025 - May 2025
· Java ,React.js and CSS, MySQL ,Maven, Git	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	Jan 2025 - Feb 2025
· Python, TensorFlow, Keras, NumPy, Matplotlib	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	Mar 2025
AICTE · 3dfcc03aa2963be5f0c87b8cb27fb8c8	
Introduction to Machine Learning ML NPTEL	Sep 2025
NPTEL	

Volunteering

Janani The Mother NGO Certificate	Jun 2025 - Jul 2025
Volunteer · Sleep Apnea Awareness	

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], Hindi [Native Proficiency]

Links

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