

Laksh Mittal

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📍 Born in Gurugram, India

🏠 Current Address: Sector 56, Gurugram, Haryana, India



Introduction

A motivated Computer Science graduate with strong problem-solving skills and experience in software development. Passionate about creating innovative solutions through technology and applying in the natural sciences. Seeking opportunities to leverage my technical skills and creativity in a challenging role that allows for professional growth and contribution to meaningful projects.

Education

Bachelor of Technology in Computer Science + M.S by Research in Computational Natural Sciences
IIIT Hyderabad 2024 - Present
CGPA: 8.9/10.0

- Relevant Coursework: Data Structures and Algorithms, Operating Systems, Database Management Systems, Machine Learning, Artificial Intelligence

Higher Secondary School Certificate 2022 - 2024
Scottish High International School, Gurugram Percentage: 99%

Secondary School Certificate 2022
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Skills

Programming Languages

Proficient: Java, Python, C++, JavaScript
Familiar: R, MATLAB, SQL, HTML/CSS

Frameworks & Libraries

React, Node.js, Django, TensorFlow, PyTorch

Tools & Technologies

Git, Docker, AWS, Linux, MongoDB, PostgreSQL

Soft Skills

Team collaboration, Problem-solving, Communication, Project management, Time management

Projects

Smart Home Automation System

January 2025 - April 2025

- Developed a comprehensive IoT-based home automation system using Raspberry Pi
- Implemented features for remote control of home appliances, temperature monitoring, and security surveillance

- Utilized Python, MQTT protocol, and React Native for mobile application development
- Achieved 25% energy savings in test environment compared to conventional systems

E-commerce Recommendation Engine

August 2024 - December 2024

- Built a personalized product recommendation system using collaborative filtering techniques
- Implemented Matrix Factorization and Neural Network approaches to predict user preferences
- Achieved 82% accuracy in predicting user product preferences on test dataset
- Tech Stack: Python, TensorFlow, Flask, MySQL

Blockchain-based Voting System

January 2024 - May 2024

- Designed and implemented a secure and transparent voting system using Ethereum blockchain
- Created smart contracts for voter registration, ballot creation, and vote tallying
- Developed a web interface using React.js and Web3.js for interacting with the blockchain
- Successfully tested with 500+ simultaneous users with 100% transaction integrity

Achievements

- Won first place in the National Coding Hackathon 2024, competing against 200+ teams
- Recipient of the Technology Innovation Award for the Smart Home Automation project
- Selected for the Google Summer of Code program (2023)
- Published research paper on "Optimizing Neural Networks for Edge Computing" in International Journal of Computer Science (2024)
- Maintained top 5% rank in the department throughout undergraduate studies
- Awarded merit scholarship for academic excellence (2021-2025)

Academic Performance

Course	Grade	Course	Grade
Data Structures and Algorithms	A+	Machine Learning	A
Database Management Systems	A	Computer Networks	A-
Operating Systems	A	Artificial Intelligence	A+
Software Engineering	A-	Web Development	A
Computer Architecture	B+	Cloud Computing	A-