

Keshav Chhabra

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[Github](#) [LinkedIn](#)



Education

Indraprastha Institute of Information Technology, Delhi B.Tech (CSE) 2022 - present	CGPA: 8.14
Sachdeva Public School (Rohini), New Delhi CBSE, Standard 12, PCM 2020 - 2021	Percentage: 96.0%
Sachdeva Public School (Rohini), New Delhi CBSE, Standard 10 2018 - 2019	Percentage: 94.8%

Skills

Expertise Area:	Computer Vision, Natural Language Processing, Machine Learning, Object Oriented Design, Operating Systems (Linux, x86), Database Management Systems (MySQL), Algorithm Design
Programming Languages:	Java, Python, C, C++, JavaScript, HTML, MySQL
Tools and Technologies:	React, Kubernetes, Docker, Django, Git, CI/CD, Tmux, Pytorch, Github, GitLab

Work Experience

Android Developer (Grow Indigo) <i>Tech Stack:</i> React Native, TypeScript, TensorFlow, Expo, LiDAR <i>Advisor:</i> Dr. Pankaj Jalote Developed precision forestry app using LiDAR for tree diameter detection (99% accuracy) enabling carbon credit calculation. Implemented ML for species ID and designed data storage.	(Jan 2025 - Present)
Undergraduate Researcher, Advanced Data Science Lab (IIITD) <i>Tech Stack:</i> Computer Vision, Deep Learning, Docker, Kubernetes <i>Advisors:</i> Dr. Vikram Goyal and Dr. Saket Anand Led NHAH road safety project developing traffic sign detection/classification system using CV to enhance highway safety and traffic management.	(Jan 2025 - Present)

Projects

Stick Hero Managed scene flow, developed GUI (Java, FXML), implemented player state logic. Tech: Java, HTML, FXML, Git. Repository here .	Team Size-2 (Oct, 23 - Dec, 23)
Memory Management System Implemented custom C memory manager (MeMs) using <code>mmap/munmap</code> , achieving 10µs allocation for 4KB pages. Repository here .	Team Size-1 (Nov, 23 - Dec, 23)
Integrated System Development Project Developed CPU scheduler, Unix-like shell, and efficient memory loader components. Repository here .	Team Size-2 (Aug, 23 - Dec, 23)

Trip Booking

Designed responsive frontend (HTML/CSS/JS) and Django/Python backend with MySQL database. Repository [here](#).

Team Size-1

(Feb, 24 - May, 24)

Declaration: The above information is correct to the best of my knowledge.

Keshav Chhabra

Date: May 11, 2025