

Laksh Mittal

Portfolio: laksh-1.github.io/resume

Email: mittallaksh1@gmail.com

Mobile: +91-7290931650

EDUCATION

- **Thapar Institute of Engineering and Technology** Patiala, India
Bachelor of Technology - Computer Science; GPA: 8.40
August 2019 - Present
- **Delhi Public School** Faridabad, India
CBSE - 12th; Percentage: 95.00
April 2019
- **Delhi Public School** Faridabad, India
CBSE - 10th; CGPA: 10.00
April 2017

SKILLS SUMMARY

- **Languages:** C++, Python, JavaScript, SQL, Bash, R
- **Frameworks:** NodeJS, ReactJS, Scikit, OpenCV, TensorFlow, Keras
- **Tools:** MongoDB, GIT, MySQL-Workbench, MySQL, Photoshop
- **Platforms:** Linux, Web, Windows, Heroku, Arduino
- **Soft Skills:** Leadership, Event Management, Writing, Public Speaking, Time Management

EXPERIENCE

- **InnovationM** Remote
Web Developer (Intern) *June 2022 - July 2022*
 - **Improved Form Structure with ReactJS:** Implemented option for changing number of field in various sections in a new applicant form.
 - **Candidate Review Section:** Implemented a reviews section where employer can add reviews about the applicant which can only be viewed by other employers according to date and time.
 - **Database Schema Updated:** Improved the database tables to remove data redundancy.
 - **Extracting Details:** Added a button to download applicant's details in a concise text file.
- **Backslash Computing Society** Patiala, Punjab
Design Head *February 2020 - May 2022*
 - **Website Development:** Created society website for CTF events and team management, with MERN Stack.
 - **Digital Design:** Created 30+ designs for website, posters, banners etc. in Photoshop.
 - **Impact:** Organised events were attended by over 1000+ students.

PROJECTS

- **BackslashTIET (Full Stack Web):** CTF Event Management Web App, which allows a person to create account on the website and participate in the event. At the back-end it manages a live database, which logs the time and hints taken to reach the next stage. Tech: NodeJS, MongoDB, Express, EJS.
- **MaskUp (Machine Learning, Computer Vision):** Mask Detector for Covid-19, which detects faces on a live video stream and categorizing them on basis of presence and absence of face mask. Dataset trained from over 4000 images. Tech: Python, OpenCV, Keras, TensorFlow
- **Traffic Analyzer (Machine Learning, Computer Vision):** Detects vehicles on live video feed Generates a detailed frame-wise graph of the detected objects. Uses a dataset with over 1.5M objects. Tech: Python, OpenCV, YOLO, NumPy, Pandas
- **Flash Chat (Mobile App Dev):** A quick multi-user chat application made using Flutter and Google Firebase. Uses Firebase email authentication for sign-up and login. Tech: Flutter, Dart, Google Firebase

COURSES UNDERTAKEN

- Data Structures and Algorithms
- Object Oriented Programming
- Machine Learning
- Database Management
- Operating System

CERTIFICATES & ACHIEVEMENTS

- **InnovationM:** Web Development Intern
- **Backslash:** Head of Design
- **Kaggle DS Hackathon:** Rank 1
- **Bagged College Scholarship** worth 1.25lacs
- **Solved over 650+ DSA problems** on various platforms.
- **HackerRank:** Problem Solving Certified

PROFILES

- **Github:** github.com/laksh-1
- **LeetCode:** leetcode.com/laksh1/
- **GeeksForGeeks:** auth.geeksforgeeks.org/user/laksh1/practice
- **LinkedIn:** linkedin.com/in/lakshmittal