

Laksh Mittal

Portfolio: laksh-1.github.io/resume

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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
Student Developer (Intern)
June 2022 - July 2022
 - **Improved Form Structure with ReactJS:** Implemented dynamic option for changing number of field in a new employee form.
 - **Database Schema Updated:** Improved the database tables to remove data redundancy.
 - **Ratchet PHP WebSocket:** Implemented a WebSocket for low-latency real time exchange of posts and thread updates.
- **Backslash Computing Society** Patiala, Punjab
Design Head
October 2019 - Present
 - **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 850+ students.

PROJECTS

- **MaskUp - Mask Detector for Covid-19:** Detects faces on a live video stream and categorizing them on basis of presence and absence of face mask. Tech: Python, OpenCV, Keras, TensorFlow
- **BackslashTIET (CTF Event Management Web App):** Web App which allows a person to create account on the website and participate in CTF type event. At the backend it manages a live database, which logs the time and hints taken to reach the next stage. Tech: NodeJS, MongoDB, Express, EJS.
- **Traffic Analyzer - YOLO Object Detection:** Computer Vision based ML project. Detects vehicles on live video feed. Generates a detailed frame-wise graph of the detected objects. Tech: Python, OpenCV, YOLO, NumPy, Pandas
- **Flash Chat - A Quick Chat App:** A multi-user chat application made using Flutter and Google Firebase. Uses Firebase email authentication for signup and login. Tech: Flutter, Dart, Google Firebase
- **BackItUp - Backup All Data:** A Python bot which automates the task of backing up data to your google drive. Generates a log file for every action performed. Tech: Python, Google Data Services

COURSES UNDERTAKEN

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

CERTIFICATES & ACHIEVEMENTS

- Backslash: Head of Design
- [HackerRank: Problem Solving Certified](#)
- [HackerRank: NodeJS Intermediate Certified](#)

PROFILES

- [Github:](https://github.com/laksh-1) github.com/laksh-1
- [GeeksForGeeks:](https://www.geeksforgeeks.org/user/laksh1/practice) [geeksforgeeks.org/user/laksh1/practice](https://www.geeksforgeeks.org/user/laksh1/practice)
- [LeetCode:](https://leetcode.com/mittallaksh1/) leetcode.com/mittallaksh1/
- [LinkedIN:](https://www.linkedin.com/in/lakshmittal) [linkedin.com/in/lakshmittal](https://www.linkedin.com/in/lakshmittal)