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
Web Developer (Intern) — *June 2022 - July 2022*
- **Improved Form Structure with ReactJS**: Implemented dynamic option for changing number of field in a new applicant form.
- **Dynamic 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. 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

- **BackItUp (Google OAuth, Python)**: 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

- InnovationM: Web Development Intern
- Backslash: Head of Design
- Kaggle DS Hackathon: Rank 1
- 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