# Lovesh Sharma

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GitHub | Linkedin | LeetCode

## EXPERIENCE

### TURBAN TOURS | Data Scientist

- Used predictive models to improve customer experience, ad targeting and revenue generation.
- Managed entire life cycle of projects, including planning, development, testing, deployment, and maintenance.
- Explained results of analyses with non-technical audiences through presentations or written reports.

### GOMEDICX | FrontEnd Developer

- Developed and maintained user-facing websites using HTML, CSS, JavaScript, and ReactJS.
- Collaborated closely with the back-end developers to integrate API calls into the front-end codebase.
- Created UI components with reusable codes for a better user experience.

### CELEBAL TECHNOLOGIES | Cloud Engineer

- Migrated existing applications from on-premises datacenters to public clouds such as Azure.
- Configured and maintained secure VPC network architecture with public and private subnets.
- Performed regular security audits of cloud infrastructure to ensure compliance with industry standards.

## SKILLS

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|---|---|
| Programming Languages | Python, SQL, C++, JavaScript, React, Apex |
| Libraries/Frameworks | Pandas, Numpy, Matplotlib, Tensorflow, Scikit-learn, Seaborn, OpenCV, React, Node |
| Tools / Platforms | VScode, Anaconda, Jupyter Notebook, Google Collab |
| Databases | MongoDB, MySql |

## PROJECTS / OPEN-SOURCE

### EMOTION DETECTION | Link

Python, Tensorflow, OpenCV, CNN, Transfer Learning

Description:

Developed an emotion detection system to identify human emotions (e.g., happy, sad, angry) from facial images using deep learning techniques.

Key Features:

Deep Learning Framework: Utilized TensorFlow and Keras to build and train a Convolutional Neural Network (CNN).

Data Augmentation: Applied techniques like rotation, zoom, and flipping to enhance dataset diversity.

### HEART DISEASE PREDICTION | Link

Python, Random Forest, Grid Search

Description:

Developed a predictive model to identify the likelihood of heart disease using machine learning techniques.

Machine Learning Model: Built a Random Forest classifier to predict heart disease risk.