

EMPLOYMENT

Software Engineer	MyNextFilm (Product) Start-up)	March 2021 – Present
Language Translation		
<ul style="list-style-type: none">• Working on performing translation on each component of movies screenplay.• Comparing different translation API so we can choose.• Integrating API to Web Application.• Working on performance matrices.		
Project Assistant	CSIR-CSIO (Govt. R&D Organization)	March 2019 – March 2020
<ul style="list-style-type: none">• Worked on [Online Monitoring System for Detection of Night-Time Poor Visibility Areas in Urban Settings] using [Python3, OpenCV].• Performed a key role in the development process of the coding portion of the Project.		

EDUCATION

Sangrur, Punjab	SLIET (Central Government Deemed University)	June 2015 – June 2018
<ul style="list-style-type: none">• Bachelor of engineering (B.E.) in Computer Science and Engineering June 2018• Coursework: Software Foundations, Data Structures and Algorithms, Operating Systems, Databases, Computer Architecture, Artificial Intelligence, Distributed Computing OOPs.		

TECHNICAL EXPERIENCE

Projects

- **CSIR-CSIO Project:** Online Monitoring System for Detection of Night-Time Poor Visibility Areas in Urban Settings using image processing.
 - All the backend code is in python and used OpenCV for image processing task.
 - Used MySQL for maintaining database of Longitude and latitude of poor visible area.
- **Sentiment Analyzer:** Live Sentiment Analysis on Twitter Data Using Python and Tweepy.
 - To get the sentiment (positive, negative or neutral) on any topic based on twitter data.
 - Python, Tweepy, Text Blob, Matplotlib.

ADDITIONAL EXPERIENCE AND AWARDS

- **IIT Hyderabad:** Attended 6-day workshop on Data Science organized by IEEE
- **IIT Roorkee:** Attended workshop on Deep Learning and Application organized by EICT.
- **3 Months Diploma in Data Science:** Completed diploma in Data Science and Big data analytics from Naresh i Technology, Hyderabad

Languages and Technologies

- **Programming Language:** Python, R
- **Databases:** MySQL, PostgreSQL
- **Packages & Tools:** Machine Learning, Deep Learning (Familiar), MS-Office (Word, Excel etc.) Anaconda, NumPy, Pandas, Matplotlib, PyCharm, VS Code, Seaborn, OpenCV, Scikit-Learn, Jupyter Notebook.

References

1. **Baljit Singh – Scientist**
Contact - +91-9463685775
Email- Baljit.singh@csio.res.in,
CSIR-CSIR, Sec 30C, Chandigarh