

# Shalini Rai

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## EDUCATION

### Centre for Development of Advanced Computing

*Big Data Analytics/Post-Graduate Diploma*

- Grade A - 76%

**Pune**

*Feb 2019*

### Dr. APJ Abdul Kalam Technical University, Lucknow

*Electronics & Communication Engineering/Bachelor of Technology*

- First Div. (Hons) - 80.24% (Rank: 3/110)

**Bareilly**

*July 2017*

## WORK EXPERIENCE

### Deloitte India (Offices of the US)

*Senior Assistant, Data Science*

- Developing Named Entity Recognition and other NLP solutions for audit and internal control products.
- Involved in Journal Entry regularity and anomaly analysis.

**Bengaluru**

*Jul 2021 - Present*

### Xcaliber Infotech Pvt Ltd

*Junior Data Scientist*

- Implemented Sentiment Analysis on data from Social Media websites and News articles using BERT with PyTorch, and NLTK. Deployed Flask API on a remote Linux server.
- Developed E-Commerce Website Mobile Price Forecasting and Web Scraping solutions. Automated the pipelining and performed predictive analysis.
- Performed modeling of image data, image manipulation & visualization of tensors for Cosmetic Grading Machine.

**Pune**

*May 2019 - Jun 2021*

### Larsen & Toubro Ltd

*Intern*

- Worked in the Heavy Engineering Department's Product and Technology Development Centre (Electronics) on design of Self-Propelled Howitzer K9 Vajra-T.

**Mumbai**

*June 2016 - July 2016*

## ACHIEVEMENTS

### Namibia University of Science & Technology, Namibia

*Invited Speaker - Delivered guest lecture on Introduction to Distributed File Systems*

**Remote**

*Sep 2021, Dec 2020*

### Annual Merit Scholarship - SRMS Institutions

*Awarded scholarship of merit for three consecutive years.*

**Bareilly**

*2013-14, 2014-15 and 2015-16*

### Winner - Zonal Round of Robotryst, IIT Delhi

*Won zonal-level robotics competition organised by IIT Delhi*

**Bareilly**

*Apr 2016*

### Scholarship of Merit - Larsen & Toubro Ltd

*Awarded scholarship of merit for outstanding academic performance in 10th and 12th std.*

**Mumbai**

*2010 and 2012*

## CERTIFICATIONS

### Complete Linear Algebra: Theory and Implementation, Udemy

*Deep Learning with TensorFlow, Cognitive Class IBM*

*Deep Learning: Face Recognition, LinkedIn Learning*

*Statistics for Data Science and Business Analysis, Udemy*

*May 2020*

*May 2020*

*Apr 2020*

*Apr 2020*

## SKILLS & LANGUAGES

**Skills:** Machine Learning, Deep Learning, Python, SQL, NLP, BERT, spaCy, Pandas, Numpy, Selenium, Web Scraping, Tableau, Matplotlib, Scikit-learn, Plotly, Dash, Regression, Classification, Decision Tree, Random Forest, Time Series Forecasting, ARIMA, FBProphet, LSTM, CNN, OpenCV, Tensorflow, Keras, Pytorch.

**Languages:** English, Hindi