

Shalini Rai

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EDUCATION

University of Stuttgart

Electrical Engineering/Master of Science

Stuttgart

Oct 2022 - Present

Centre for Development of Advanced Computing

Big Data Analytics/Post-Graduate Diploma

Pune

Feb 2019

- Grade A - 76%

Dr. APJ Abdul Kalam Technical University, Lucknow

Electronics & Communication Engineering/Bachelor of Technology

Bareilly

July 2017

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

WORK EXPERIENCE

Deloitte India (Offices of the US)

Senior Assistant, Data Science

Bengaluru

Jul 2021 - Present

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

Xcaliber Infotech Pvt Ltd

Junior Data Scientist

Pune

May 2019 - Jun 2021

- 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.

Larsen & Toubro Ltd

Intern

Mumbai

June 2016 - July 2016

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

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 & Interests: Digital Signal Processing, Control Systems, Digital Electronics, Microelectronics, 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