



SOURAV MUDI

Lead Data Scientist, Machine Learning Engineer and Innovator

WORK EXPERIENCE

Experience 2 Years at SISA Information Security Private Limited

Project- ProAct(R&D) --- Lead Data Scientist

OCTOBER 2021 - PRESENT

- Leading ML research team of 9 people and responsible for all ML models starting from development to deployment.
- Build some advanced DL models like Boltzmann machine, Auto encoders, Transfer Learning with ResNet etc.

Experience 6+ Years at Wipro Limited

Project- DELL EMC(R&D) --- Senior Machine Learning Engineer – Data Science & AI

APRIL 2017 - SEPTEMBER 2021

- Leading Machine Learning (ML) Research group in improving AI, ML, Deep Learning (DL) and Data Science Models.
- Responsible for RNN - LSTM based log analysis solution.
- I do have worked on CNN – Object Detection & Classification, Face recognition, pose estimation, 3D estimation etc.
- Implemented LSTM based chatbot as well as Seq2Seq model.
- Integrated customer-based Salesforce - Lightning CRM application using AI solutions.
- Worked on Big Data, PySpark, Django and Power BI, SQL & NoSQL Database, DevOps created CI/CD pipelines etc.

Project- AXIS CAPITAL(R&D) --- Machine Learning Engineer

JULY 2015 - MARCH 2017

- Developed Sentiment Analysis model which lead to 99% CSAT
- I do have knowledge on Time Series Analysis, all types of Regression & Classification, Market Basket analysis – Apriori, SVM, KNN, Decision Tree, Random Forest, K means etc.
- Wide on experienced on Keras, SciPy, Numpy, Pandas etc.

EDUCATION

Birla Institute of Technology and Science, Pilani (BITS, Pilani)

SEPTEMBER 2019 - 2021

- M Tech in System Engineering, CGPA – 8.77/10 (Topper of Batch).
- I was a Teaching Assistant for IT Workshop in BITS.

BITS, Pilani - SEPTEMBER 2015 – 2019, **BTech in ISE, CGPA – 8.62/10**

SKILLS

AI/ML/DL	★★★★★	Full Stack Web Dev.	★★★★☆
Data Science/PowerBI	★★★★★	Database (SQL & NoSQL)	★★★★★
Data Structures	★★★★★	RPA (Ui Path)	★★★★★
Cloud - AWS	★★★★★	DevOps & Big Data	★★★★☆
Python/R	★★★★★	Django	★★★★☆

About

I have 8+ years of extensive experience in Research projects for improving IT infrastructure, medical imaging using Machine Learning, Deep learning and Data science models. Designed and developed varied software Intelligence for automating IT Infrastructure system using machine learning and NLP-LSTM solutions.

I have filed 16+ patents and received 15+ grants for across India, US, China etc.

Contact

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LinkedIn:

<https://www.linkedin.com/in/sourav-mudi-74547a146/>

Awards/Certifications

- Got TITAN award.
- Awarded 3 times Best Developer by Cyber Security(ProAct) Project.
- Completed Deep Learning (ANN, CNN, RNN-LSTM, Seq2Seq, NLP), Computer Vision, Machine Learning courses.

Holding 16+ patents:

<https://patents.justia.com/inventor/sourav-mudi>