NIKHIL SHARMA

Data Scientist

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# SKILLS

|Python | Exploratory Data Analysis | Linear Regression | Logistic Regression | Random Forests | Boosting | Clustering | Principle Component Analysis | Model selection | AWS | GitHub | MLOps | JIRA|

Image Processing | VSCode | CNN | RNN | SQL | ETL |

# EXPERIENCE

MMGS India Private Limited | Sr. Software Engineer Mumbai, India I Apr 23 - Present

* Redesigned data models through iterations that improved predictions by 13%.
* Used statistical techniques to interpret data, analyze results and provide 20+ ongoing reports.
* Identified, recommended and implemented continuous improvement opportunities.

LTIMindtree | Software Engineer Mumbai, India I Jan 2021 - Apr 2023

* Developed a comprehensive framework and over 600 test cases for Automation using WebDriverIO with a BDD approach for conducting Smoke, Regression Tests for UI/UX Testing
* Played a key role in automating API Testing of the applications.

Tata Consultancy Services I Intern Mumbai, India I Jun 2019 - Aug 2019

* Learnt Microservices architecture and created a REST API using Springboot using Java and Kotlin.
* Performed unit testing using JUnits and performance testing using Jmeter.

# EDUCATION

International Institute of Information Technology Bangalore

**Post Graduate Diploma in Machine Learning and Artificial Intelligence Feb 2023 - Mar 2024**

Ramrao Adik Institute of Technology

**Bachelor of Engineering (Electronics and Telecommunication) Aug 2016 - Oct 2020**

# PROJECTS / OPEN-SOURCE

Eye for Blind | [Eye-for-Blind](https://github.com/ML-nikhil-sharma/Eye-For-Blind) Python, TensorFlow, CNN, RNN

Created a deep learning model that can explain the content of an image in the form of a speech through caption generation with the attention Mechanism.

Automatic Ticket Classification | [Automatic-Ticket-Classification](https://github.com/ML-nikhil-sharma/Automatic-Ticket-Classification) Python, NTLK, NMF

Built a model that is able to classify customer complaints based on the products/services.

Gesture Recognition | [Gesture-Recognition](https://github.com/ML-nikhil-sharma/Gesture-Recognition) Python, Keras, ReLu, RNN,CNN

Develop feature in a smart-TV that recognizes five different gestures performed by the user which will help them control the TV without using a remote.

# Certifications

Supervised Machine Learning: Regression and Classification from DeepLearning.ai, Stanford University.

Microsoft Power BI Data Analyst Professional Certificate, Microsoft.