

SHASHANK SRIVASTAVA

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EXPERIENCE

Python Development Intern

Praktice.ai

📅 December 2019 – April 2020 📍 **Bangalore, Karnataka**

- Development of AI based medical search to navigate related doctors based on symptoms search with triaging, specialist search, direct name search with multiple language support.
- Development of redis based caching architecture for low latency of medical search and multiple language translation.
- Development of a generic crawler to scrap doctor's information, health center locations information, health packages information
- Development of sorting techniques for AI based medical chatbot to sort doctors based on user query

PROJECTS

Malaria Detection using Faster-RCNN and Transfer Learning

- An object detection model to detect given blood sample image whether the patient has malaria or not. I have used Faster R-CNN using Tensorflow object Detection API and Feature Extraction using Transfer Learning for prediction

Language Translation using LSTM and Attention

- A Sequence to Sequence model to translate English text to Hindi. I have used LSTM and Attention mechanism to get better result and I have used Pytorch as a deep learning library.

Santander Customer Transaction Prediction Case Study

- A real-world case study to predict whether a customer will make a transaction in the future given its previous transactions. I have used LightGBM and XGBoost for the prediction.

TRAININGS

Machine Learning and AI

Applied AI Course

📅 November 2018 – November 2019 📍 **Online**

Diploma in Data Science

Naresh IT

📅 May 2018 – July 2018 📍 **Hyderabad, Telangana**

C & C++ Programming Methodology

Numeric Infosystems Private Limited

📅 November 2016 – March 2017 📍 **Gwalior, Madhya Pradesh**

EDUCATION

B.E. in Computer Science
Engineering

Institute of Engineering, Jiwaji University

📅 Aug 2016 – Ongoing 📍 **Gwalior(M.P)**

TECHNICAL SKILLS

Programming Languages

- **C/C++**
- **Python**

Advanced Libraries

- **Pandas**
- **Sklearn**
- **NLTK**
- **Tensorflow**
- **Keras**
- **Pytorch**
- **OpenCV**
- **Django**
- **Scrapy**
- **Matplotlib**
- **Boto3**

Miscellaneous

- **Git**
- **AWS**
- **MySQL**
- **Data Structure**
- **Machine Learning**
- **Deep Learning**
- **Computer Vision**
- **NLP**

WORK SAMPLES

GitHub Profile:

<https://github.com/skshashankkumar41/>

Medium Blogs:

<https://medium.com/@skshashankkumar41>

Live Projects:

<https://skshashankkumar41.github.io/>