

Abhishek Sanjay Gokhale

Davis, CA 95616

agokhaleiyuf6_hzv@indeedemail.com

+1 530 231 0066

Work Experience

Software Engineer

Volkswagen IT Services - Pune, Maharashtra

August 2020 to August 2021

I worked on a Deep Learning Project of building an OCR engine using CTPN, CRNN, Named Entity Recognition, helped build the pipeline and schedule the processes using Airflow, manage the APIs and as a result, saved the company \$1,000s each month for an OCR subscription (Python, PyTorch, EC2, S3, Airflow). I was also trained on Java, Spring Boot, Hibernate, MVC Architecture, AngularJS and other web technologies.

Data Science Intern

Shyena Tech Yarns - Pune, Maharashtra

June 2020 to August 2020

I developed an Object Detection model for household objects using the Keras RetinaNet model so as to replace human agents that physically visit and calculate value of the objects for insurance purposes. These models were deployed via a Flask application which I regularly managed and updated (Python, Tensorflow, Object Detection, Flask, Bash, EC2, S3)

Data Technology Intern

Schlumberger - Pune, Maharashtra

June 2019 to August 2019

I retrofitted the data catalog of various source applications, aligning it with the real existing implementation. I also built an application to automate the above process which saved a lot of manual effort and time. (Python). I built a Data Quality Testing Utility to verify quality of data after its transfer to a new database which helped ensure that the data used is in the right format and of the required quality (Scala)

Education

Master's degree in Computer Science

UC Davis - Davis, CA

September 2021 to Present

Bachelor's degree in Computer Engineering

University of Pune - Pune, Maharashtra

June 2016 to May 2020

Skills

- Python
- APIs
- Git
- AWS
- JavaScript
- Java
- C/C++
- MySQL
- SQL
- Deep learning
- Machine learning
- REST
- Linux
- Angular
- Bash
- Hibernate
- GitHub
- Keras
- MVC
- CSS
- MongoDB
- Oracle
- Spring Boot
- Airflow
- Flask
- HTML5
- TensorFlow
- PyTorch
- Amazon EC2
- Amazon S3

Languages

- English - Expert
- Hindi - Expert
- Marathi - Expert

Links

<http://www.linkedin.com/in/abhishek-gokhale-04b471189>

Publications

Arial Image Classification using Deep Neural Networks with Discrete Cosine Transform, TSBTC and Augmentation Techniques

<https://ieeexplore.ieee.org/document/9397010>

April 2021

Identification of Medicinal Plant Using Image Processing and Machine Learning

https://link.springer.com/chapter/10.1007/978-981-15-4029-5_27

July 2020