

Contact

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Top Skills

Python
Data Preparation
Machine Learning

Languages

Marathi (Native or Bilingual)
Hindi (Native or Bilingual)
English (Full Professional)
Tulu (Native or Bilingual)
German (Limited Working)

Certifications

Python Gold Badge
Scalable Machine Learning on Big
Data using Apache Spark
Data Visualization with Python (by
IBM)
Feature Engineering with PySpark
Intermediate SQL

Honors-Awards

Deutschland Stipendium

Publications

Age-Net: An MRI-Based Iterative
Framework for Brain Biological Age
Estimation
Hand Gesture Recognition and
Mouse Cursor Control
Proposed System for Sign Language
Recognition

Shashank Salian

Data Science @ Vodafone | Universität Stuttgart | Former- Festo,
J.P. Morgan.

Düsseldorf, North Rhine-Westphalia, Germany

Summary

Hi , Thanks for visiting my profile!

I work as a Data Scientist at Vodafone, Germany. And I hold
a Master's degree in Computer Science from the University of
Stuttgart, Germany. Prior to my Master's degree, I worked as a
Software Engineer at JP Morgan Chase & Co.

Experience

Vodafone

2 years 1 month

Data Scientist

December 2022 - Present (7 months)

Düsseldorf, North Rhine-Westphalia, Germany

Currently working as a Data Scientist within the Data & Analytics Org. in
Vodafone Germany.

Key responsibilities:

- +Data preparation
- +EDA
- +Modeling
- +End to end ML pipeline
- +Knowledge sharing
- +Stakeholder communication

Languages and Tools used: Python, SQL, Pandas, NumPy, git, Teradata,
GCP (BigQuery, VertexAI, Dataproc), Jupyter, SkLearn, Tensorflow, Seaborn,
Matplotlib.

Discover Graduate Big Data/Data Science (Post Graduate)

June 2021 - December 2022 (1 year 7 months)

Düsseldorf, Germany

After my Masters in Computer Science, I joined as a Data Science Graduate at
Vodafone, I get to move across teams and work on interesting data use-cases

and network with colleagues across various verticals within the organization (Vodafone Germany and Vodafone Group).

Some of the topics I have worked/am working on:

- + Channel Scoring Model (CVM)
- + Synthetic Data Generation Research (Vodafone Group R&D at Vodafone HQ UK)
- + Geospatial Analytics and data visualization
- + House hold Analysis for various product types
- + Document OCR

Languages and Tools used: Python, SQL, Pandas/Geopandas, PySpark, git, GCP (BigQuery, VertexAI, Dataproc), Jupyter, SkLearn, Seaborn, Matplotlib, Kepler GL.

University of Stuttgart

Master Thesis Student

April 2020 - December 2020 (9 months)

Stuttgart, Baden-Württemberg, Germany

My Master Thesis topic lies in the domain of Explainable AI in Deep Learning for Medical data.

Thesis Title : Deep Visualization for MR based BA Estimation.

Tools:

tensorflow, numpy, pandas, pytorch, matplotlib, spm12, google colab, linux.

Publication Linked Below: IEEE Transactions Journal

<https://ieeexplore.ieee.org/document/9380560>

Festo

Working Student AI

August 2019 - November 2020 (1 year 4 months)

Esslingen

As a working student at Festo, I worked on a machine learning pipeline prototype and hosted it on AWS. The prototype supports file uploads to AWS S3, selecting sklearn algorithms or AWS Sagemaker AutoPilot for training. Deploying model endpoints. Visualizations using plotly (dash) and facets integration.

Prior to this, I worked on GQCNN and MaskRCNN for robot object detection and grasping point prediction using intel Realsense.

University of Stuttgart

Graduate Research Assistant (HiWi)-Data Science

April 2019 - July 2019 (4 months)

Performed data cleaning/preprocessing, feature selection, training and comparison tasks. Also got an opportunity to use h2o.ai for distributed training .

JPMorgan Chase & Co.

Technology Analyst

August 2017 - September 2018 (1 year 2 months)

Mumbai Area, India

Worked in an agile software development team as a Python developer and frequently interacted with business stakeholders for understanding requirements and across various project stages.

Education

University of Stuttgart

MS Computer Science (Major:Autonomous Systems in CS) · (2018 - 2020)

University of Mumbai

Bachelor's Degree, Computer Engineering · (2013 - 2017)

SVPT's High School and Junior College of Science

12th, Science- (Computer Bifocal) · (2011 - 2013)

Pawar Public School

High School · (2006 - 2011)