



Deepansh Pandey

017xxxxxxxxx

deepansh.pandey@hotmail.com

Bonn, Germany

Skills

Programming Languages

- R
- Python
- Java
- SQL
- ReactJS

Notable Skills

- Azure
- Scikit-learn
- TensorFlow
- Git
- Kubernetes

Databases

- Oracle
- Neo4j
- MongoDB
- Apache Hive

Areas of Interest

- Cloud Computing
- Natural Language Processing
- Machine Learning
- Neural Networks



WORK EXPERIENCE

IT Manager

Jul 2022 – Present

Greenplan GmbH

Tech Stack – React JS, Python, Django, Azure – Function, Logic Apps, GCP, Project Planning and Management, Agile, Rest APIs

- Responsible for multiple projects and development team
- AI Tools for optimizing different IT processes.
- Customer user interface planning / development React JS.
- Backend development - Django Framework and REST API
- Cloud Pipeline in Azure
- Planning and Optimizing IT Processes, Infrastructure for cost effectiveness.

Associate Data Science Consultant

Apr 2022 – Jun 2022

Sopra Steria

Tech Stack – Microsoft Azure, Logic Apps, Power BI, SQL, Visual Code, SQL Server Management Studio, Python.

- Creating Virtual Machines and pipelines in Azure.
- Power BI applications, Logic Apps.
- Designing and updating schema logics, tables and views.

Data Scientist

Dec 2018 – Mar 2022

Generali Deutschland AG

Tech Stack – Hive, SQL, Neo4j, Python, R, Java, Django, Shiny, Jira, Airflow, Splunk, Git, Bitbucket, Agile Methodologies.

- Achieved 90% accuracy for fraud claims detection.
- Improved accuracy by 5% with Data Enrichment.
- Anomaly Detection 92% precision for increased profitability.
- Automatization of claims classification worth million Euros.
- Data Visualization and Data Analysis with Shiny, Django.
- Created Spacy models for Automation of claims notification.
- Completed ML Pipeline creation in Apache Airflow.

Software Developer

Jul 2016 – Aug 2017

NIIT Technologies

Tech Stack – Java, SQL, Spring Framework, MySQL, APEX.

- Successfully migrated VBA code to Java Spring framework.
- Automated invoice generation using APEX reducing workload from managers.
- Accountable for 6 flight data manifest applications.
- Awarded with **Outstanding Performance Award**.
- Awarded with **Certificate of Appreciation**.

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📍 Bonn, Germany

Research Paper

Automatic Email Classifiers Using Supervised Learning

Published In –
International Journal of Software and Web Sciences (IJSWS)

- Participated in 9 conferences and summer schools across Europe

Languages

German

English

A2

C1

Social Links

LinkedIn

linkedin.com/in/thedeepanshpandey

GitHub

github.com/tdeepanshpandey

Portfolio

deepanshpandey.com



EDUCATION

Master – Computer Science

Oct 2017 – Dec 2021

University of Bonn, Germany

Tech Stack – C++, TensorFlow, pandas, scikit-learn, NumPy, Python, Git, Cloud, AWS.

Thesis – Conversational Question Answering Over Knowledge Graphs with Answer Verbalization: A Reinforcement Learning Approach

Bachelor - Computer Science

Aug 2012 – May 2016

Amity University, India

Tech Stack – Java, C++, C, SQL.

Thesis – Email Classification using Supervised Learning.



OPEN-SOURCE CONTRIBUTION

- Transfer Learning for DCGAN on food picture dataset
- Recurrent neural network on Google stock price dataset
- Chatbot for Question Answering on story dataset
- Text Generation Using LSTM
- Topic Modelling Quora question dataset

50+ opensource contribution available on my GitHub profile.



CERTIFICATES

Cloud Computing

- Google: Cloud Platform Fundamentals
- AZ-900: Microsoft Azure Fundamentals

Machine Learning and Big Data

- Machine Learning A-Z: Hand's on Python & R
- Scala and Spark for Big Data and Machine Learning
- Machine Learning by Andrew NG, Stanford University

Deep Learning

- Sequence Models by deeplearning.ai
- Artificial Intelligence A-Z: Learn how to build an AI
- Build Basic Generative Adversarial Networks

Natural Language

- Natural Language Processing with Python
- NLP with Classification and Vector Spaces

10+ other AI courses on different eLearning platforms.