



Deepansh Pandey

0176xxxxxxx

deepansh.pandey@hotmail.com

Bonn, Germany

Skills

Programming Languages

- R
- Python
- Java
- SQL
- ReactJS

Notable Skills

- PyTorch
- TensorFlow
- Azure
- GCP
- Databases
- Management

DevOps

- Kubernetes
- Git
- Terraform
- Docker

Areas of Interest

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



WORK EXPERIENCE

IT Architect

Jul 2022 – Present

Greenplan

Tech Stack – OpenAI, React JS, Python, Django, Azure Functions, Logic Apps, Google Cloud, Kubernetes, Docker, Project Management, Customer Management, Project Planning.

- Utilized AI tools to streamline IT processes.
- Overseeing various projects and development team.
- Planned cost-effective IT processes and infrastructure.
- Engaged in IT-focused discussions and support with clients.
- Expertise in Django, REST APIs, and React.js development.

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

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.

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 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

70+ opensource contribution available on my GitHub profile.



CERTIFICATES

Artificial Intelligence

- Machine Learning A-Z: Hand's on Python & R
- Machine Learning by Andrew NG, Stanford University
- Artificial Intelligence A-Z: Learn how to build an AI
- Build Basic Generative Adversarial Networks
- Natural Language Processing with Python
- NLP with Classification and Vector Spaces

Full Stack Development

- REST APIs with Flask and Python
- Python and Django Full Stack Web Developer Bootcamp
- The Ultimate MySQL Bootcamp: SQL Beginner to Expert
- The Complete JavaScript Course 2025

Cloud / DevOps

- AZ-900: Microsoft Azure Fundamentals
- Terraform for Beginners using GCP (Hands-On)
- Docker and Kubernetes - GCP: The Complete Guide

30+ other courses on different eLearning platforms.