# Prabhupad Pradhan

Master's Student in SRH University , Heidelberg

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My portfolio - https://prabhupad26.github.io/

## About Me

A software engineer with 5.5 years of experience in software development for telecom and insurance domain enterprises. Currently pursuing Masters in Applied Data Science at SRH Heidelberg with an aspiration towards developing AI solutions using huge amount of data with a goal to automate, improve decision making and provide better analytical results while achieving the business goals.

## Skills

- Python programming
- SQL
- Machine Learning
- Shell Scripting
- Java Script, HTML
- DevOps
  - CI/CD in Github
  - Git

## Reward & Recognitions

- ★ Amdocs Quarterly Recognition Mar '17
- ★ Amdocs Digital SPOT award Mar '18
- ★ Amdocs Optima innovator Mar '20
- ★ SPOT Award for innovation Feb '21

## Education

- Bachelor in Technology (Electronics and Telecommunication)
  **2011 – 2015 | KIIT University, Bhubaneswar, India | CGPA : 7.35**
- Master of Science (Applied Data science and analytics)
  **2022 – 2024 | SRH Hochschule Heidelberg, Germany**

## Work Experience

**2020 – 2021**

### Accenture Pvt. Ltd., India
**Machine Learning Engineer**

- Delivered automation framework which validates the source and target table data and executes data warehouse jobs on demand or on schedule, this helped in reducing the manual evidence preparation time of 4 weeks to 4 minutes. This played a vital role in achieving major quarterly Milestones
- Integrated a chatbot which helps the user to generate ETL testing reports, this chatbot has a transformer-based language model which can:
  - Extract the entity from the user's query and create the SQL query to extract the required report.
  - Classify the intent out of 3 categories: Generate reports, run automation and get environment health status.
- Used frameworks like: Pytorch (Base framework), sklearn and NLTK (text pre-processing), hugging-face transformers (Build language model), Spacy (Build vocabulary), Flask (For building the REST APIs)
- Contributed to building a high performing automation framework which can process a million records, made use of python dask for parallel computation
- Delivered a dashboard using python dash showing the real time execution result and other key summary
- Trained and managed a team of 7 of developers and discussed issues (triage calls) in order to provide resolution and utilize best practices in Agile

**2015 – 2020**

### Amdocs Pvt. Ltd., India
**Software Test Engineer**

- Worked as a automation tester in performing the system integration testing as well as the user acceptance testing of enterprise billing software of a telecom client based in Sydney and Singapore.
- Developed a testing environment management chatbot which can perform operations like get test environment health status

## Language

English

German