

# Saurabh Nair

## Machine Learning Engineer

Innovative ideas for data-driven decisions



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## WORK EXPERIENCE

### Work student Machine learning Engineer EPG Ehrhardt Partner Group

04/2022 - 04/2024

Boppard, Germany

Supply Chain Automation

#### Achievements/Tasks

- Build CI/CD pipeline for machine learning predictive models to forecast sales and optimizing workers allocation.
- Developed and Maintained LLM model for the customer specific chatbot for the training of the new employee.
- Deployed model using Docker containerization on the cloud infrastructure.
- Developed and Maintaining automated pipeline for the Data lake.
- Monitored the prediction using A/B testing.
- Decision-making KPIs using dashboards.
- Created an automated pipeline for data retrieval, cleaning, manipulation from SQL server, and performing Exploratory Data Analysis.
- Worked in Agile Scrum Methodology with an international team and finishing tasks in the given time lap.

### Software developer Intern St. Xavier's College

04/2019 - 03/2020

Ahmedabad, India

Education institute which provides bachelors and master courses with software development

#### iOS Application Developer and Data Analysis

- Developed iOS mobile application for seamless interaction between students, and technical, and non-technical staff.
- Designed backend architecture with MySQL and NoSQL database using php.
- Built admin dashboard using CSS, HTML, and JavaScript.

## EDUCATION

### Masters In Web and Data Science University of Koblenz

04/2021 - Present

Koblenz, Germany

#### Courses

- Big Data
- Data Science

### Exchange Master Student University of Trento

02/2024 - Present

Trento, Italy

#### Courses

- Applied Natural Language Processing
- Data Visualisation

## SKILLS

Machine Learning

Deep Learning

OpenAI

LLaMA

TensorFlow

GPT-4

PyTorch

AWS

Kubernetes

Docker

Python

SQL

Power BI

Tableau

Jira

Confluence

Data Analysis

## PERSONAL PROJECTS

### Car Price Prediction (04/2023 - 05/2023)

- Integrated machine learning model with a CI/CD pipeline along with data preprocessing and deployment in AWS EC2 instances. Along with data analysis using Spark and plotly.

### Credit Card Payment option Predictor (03/2023 - 04/2023)

- Deployed classification model using dockerization on cloud infrastructure. Along with the integration of data source from Microsoft MySQL server.

## CERTIFICATES

Machine learning (07/2020)

Python Programming (02/2023)

Data Analysis With R programming (04/2023)

Agile Project Management (05/2023)

## LANGUAGES

English

Full Professional Proficiency

German

Professional Working Proficiency

Italian

Elementary Proficiency

## INTERESTS

Badminton

Hiking

Trekking

Cycling