# SHRINIWAS SHARMA

## Machine Learning Engineer | Data Scientist

Eindhoven, The Netherlands

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in shriniwas26

nshriniwas26

I'm a Machine Learning Engineer and Data Scientist with a solid engineering background, focused on deploying machine learning models into production environments. I'm proficient in Python and data science libraries, with experience using Cloud services to build scalable solutions. With a strong foundation in engineering principles, I enjoy data challenges and turning them into practical solutions. I'm adaptable, eager to learn new technologies, and excited about contributing to a forward-thinking organization.

## **SKILLS**

## **Programming Languages**

Python (Proficient) R (Intermediate)

JavaScript (Intermediate)

C++ (Familiar)

#### **Data Science Libraries**

Pandas Scikit-Learn R/Shiny
PyTorch

#### **Visualization Tools**

Plotly/Dash d3.js

## **Development & Operations Tools**

Docker Git Linux GitHub
Kubernetes

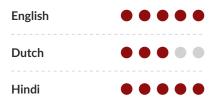
## **PROJECTS**

#### **COVID-19 Data Visualization**

- Developed an interactive dashboard to analyze and visualize COVID-19 data trends over time.
- Deployed on Netlify and Heroku using GitHub pipelines for CI/CD.
- Ø Map Dashboard on Netlify
- Analytical Dashboard on Heroku



## **LANGUAGES**



# **EDUCATION**

M.Sc. (Computer Science)

Eindhoven University of Technology

🛱 Aug. 2016 - Feb. 2019

B.E. (Manufacturing Engineering) **BITS Pilani, India** 

📋 August 2010 - June 2014

# **EXPERIENCE**

# Senior Software Engineer (Machine Learning Product)

#### Maaind Ltd.

Nov. 2022 - Ongoing

■ Eindhoven, The Netherlands

- Designed and set up a CI/CD pipeline using GitHub Actions, integrated with Azure infrastructure and static code analysis, and image scanner tools for improved security.
- Executed exploratory data analysis and developed predictive models on physiological data, deriving insights that improved decision-making.
- Designed and automated data pipelines, enhancing data ingestion, transformation, and visualization processes, speeding them 2x, using a cookie-cutter approach for new data sources and clients.
- Developed and implemented a model observability and monitoring system, enabling real-time tracking of model performance and data drift.



# Machine Learning Engineer / Data Scientist

#### Phenospex B.V.

May 2020 - Feb 2022

- Heerlen, The Netherlands
- Developed and implemented (full -stack) machine learning models for predicting plant diseases, which helped clients identify new fungicides 10x faster.
- Presented proof-of-value using hypothesis testing methods (t-tests and ANOVA), and helping convert PoV projects to clients.
- Created interactive dashboards and visual tools for EDA, model performance, enhancing client engagement and understanding for non-technical stakeholders.

 Python3
 R/Shiny
 Scikit-Learn
 JavaScript
 Plotly/Dash
 D3.js

### Software Developer

## Sioux B.V.

🛱 Feb. 2019 - April 2020

- Eindhoven, The Netherlands
- Contributed to the development and maintenance of Philips Healthcare's digital pathology solutions, ensuring robust performance in clinical settings.
- Collaborated with interdisciplinary teams to implement software updates, reducing downtime by 15%.

C++	Python3	Debian	Linux.

# Software Developer

## **Grey Orange Robotics Pvt. Ltd.**

May 2014 - July 2016

- New Delhi, India
- Engineered fault-tolerant control server solutions for multi-robot coordination, achieving a system uptime of 99.9%.
- Developed critical software subsystems in collaboration with teams across engineering disciplines, leading to a 10% improvement in system efficiency.

Erlang	Open-Telecom	Platform (OTP)	Python3	C++

### **MISCELLANEOUS**

- Dutch Nationality. Sponsorship not required.
- In my free time, I enjoy playing the guitar, listening to music, and cooking.
- I am a big fan of documentaries and enjoy watching them in my free time.