



Ben Fridolin

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Date of birth: 10 June, 1991

Nationality : Indian



INTERESTED IN

Technical Product Owner – Data Science

WORK EXPERIENCE

Dec. 2019 – Present

Product Owner, Data Scientist

NXP Semiconductors, Eindhoven (Netherlands)

- Led a team of 5 data scientists and engineers in the development of revenue forecasting ML models.
- Successfully deployed two revenue forecasting models in AWS, driving improvements to reduce margin loss.
- Improved product delivery timelines by 50% through the implementation of agile methodologies.
- Communicated data-driven insights effectively to both technical and non-technical stakeholders.
- Demonstrated a collaborative, team-oriented approach by mentoring and supporting junior data science enthusiasts within the organization.

Apr. 2018 – Jun. 2019

Master Thesis and Internship

Robert Bosch GmbH, Renningen (Germany)

Master thesis: Data-driven anomaly detection techniques

- Designed a semi-supervised ML framework for anomaly detection from distributed log dataset. Performed outlier score calculation on categorical data using distance-based learning algorithms.

Internship: Machine vision verification of instrument clusters

- Implemented NLP based verification methods on camera captured images of audio infotainment systems.

Feb. 2015 – Mar. 2017

Software Design Engineer

Robert Bosch, Bangalore (India)

- Designed and implemented base software modules for multi-core powertrain systems in embedded C and C++.
- Created test specifications and analysed failure logs to identify system problems and resolve design issues.
- Collaborated with software design experts to build robust and real-time solutions.

Nov. 2013 – Jan. 2015

Embedded systems software developer

British Instruments and Systems, Bangalore (India)

- Designed BLDC motor control logic for automotive applications in embedded C.
- Interacted with stakeholders to define new use-cases and specifications

TECHNICAL SKILLS

| | | |
|----------------|---|--|
| Programming | - | Python, SQL, PySpark, C++, Shell script |
| Cloud services | - | AWS, GCP |
| Frameworks | - | Scikit-learn, PyTorch, Keras, streamlit, NLTK |
| Tools | - | Git, Docker, Jupyter, JIRA, ServiceNow, PowerBI, Tableau, Splunk |
| Applications | - | Time-series forecasting, recommendation engines, clustering and classification, anomaly detection, NLP, MLOps, generative AI |
| Methodology | - | CRISP-DM, Agile, Scrum, SAFe |

EDUCATION

Apr. 2017 – Nov. 2019

Masters in Computer and Communication

Universität des Saarlandes, Saarbrücken (Germany)

Track: Artificial Intelligence

Sept. 2009 – May. 2013

Bachelor in Electronics and Communication

Anna University, Coimbatore (India)

Track: Embedded Systems

LANGUAGE SKILLS

| | | |
|---------|---|---------------------|
| English | - | Fluent |
| Dutch | - | Beginner A1.2 |
| German | - | Intermediate – A2.1 |

PERSONAL SKILLS

- Analytical and creative thinking
- Self-motivated and quick learner
- Team player with good presentation and communication skills

HOBBIES

- Travelling, trekking and photography
- Playing football and chess
- Keyboard player

DECLARATION

I hereby declare that the information given is true to the best of my knowledge and authorize the use of my personal data in accordance to the GDPR 679/16 - "European regulation on the protection of personal data".

Place: Eindhoven
Date : 17 Jun, 2024

Ben Fridolin