

# Mohammad Safwan

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## Summary

Highly-motivated employee with desire to take on new challenges. Strong worth ethic, adaptability and exceptional interpersonal skills. Adept at working effectively unsupervised and quickly mastering new skills.

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## Work Experience

Aug 2022 - Present	Data Scientist, Gadgeon Smart Systems Pvt Limited	Kochi
	<ul style="list-style-type: none"><li>• Worked on the Indian Railway project (Remote Diagnosis and Predictive Maintenance System), developed different rule-based algorithms based on the needs of RDSO, collaborated with higher officials of the Indian Railway, and developed various algorithms for predicting different faults in the railway systems.</li><li>• Worked with HMT (Hindustan Machine Tools) team on a dashboarding and automation project, developing different dashboards based on customer needs.</li><li>• Worked on Vguard and AVT projects, creating different analytics dashboards that include data forecasting and anomaly detection.</li><li>• Worked at CUMI (Carborundum Universal Limited), developing various dashboards and automating tasks that were previously done manually by humans.</li><li>• Developed different business use case calculations in production companies, such as OEE (Overall Equipment Efficiency).</li><li>• Developed different rule-based algorithms based on customer needs.</li><li>• Developed different Python applications based on project requirements.</li><li>• Developed an analytics application for a project using both frontend and backend libraries of Python.</li><li>• Created dashboards to monitor key performance indicators related to customer acquisition, retention, and engagement.</li></ul>	
Aug 2021 - Feb 2022	Data Science Intern, Devtown (Internship)	
	<ul style="list-style-type: none"><li>• Built machine learning models for classification and regression problems.</li><li>• Developed interactive dashboards in Python using libraries like Plotly or Dashboard frameworks like Flask or Django.</li></ul>	

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## Education

Apr 2019 - Mar 2022	Bsc Computer science, St. Josephs College Devagiri (Autonomous) (A +)
Jun 2017 - Mar 2019	Higher secondary, PHSS Pallippuram

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## Skills

Python Programming	Machine Learning
Superset (BI tool)	Flask
Dash	PYQT
Streamlit	plotly
HTML	CSS
Business Forecasting	Statistical Analysis

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## Courses

Supervised Machine Learning Regression and Classification , Coursera
Spreadsheet Application in Buisness Analytics , Virginia Commonwealth University

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## Projects

## UNIGUIDE

UNIGUIDE IS My final year Academic project. We know Covid 19 effects all sectors in the world. Especially Education. So here we come up with an idea of book sharing system Where anyone can upload and download materials. Also it can predict student's emotion

## Cancer prediction

Developed a Streamlit application for predicting cancer, determining whether it is malignant or benign.

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### Links

[Github](#)

[Linkedin](#)

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### Languages

Malayalam

Native Speaker

English

Fluent

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### Volunteering

Program coordinator

Program Coordinator of ENVI-22 (Computer science Department South India Fest)

NSS volunteer

National service scheme (NSS) volunteer