

# THOMAS DEVASIA

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## Education:

<b>2021-2022</b>	MSc Data Science and Analytics Cardiff University
<b>2015-2019</b>	Bachelor of Engineering in Computer Engineering St Vincent Pallotti College of Engineering and technology

## Employment history:

<b>Ynoox GmbH</b> <i>Software Engineer,</i>	<b>Kerala, India</b> <i>02/09/2020 – 31/08/2021</i>
<ul style="list-style-type: none"><li>Worked on a document classifier model using machine learning to classify the documents based on types of documents.</li><li>Collaborated on building Node, React and Python-based applications as per client's requirements.</li><li>Providing support to customers by resolving any bugs and adding new features to the application. Thus enhancing the experience.</li><li>Using Postman to create Postman API Collections to access various Features.</li></ul>	
<b>Ynoox GmbH</b> <i>Software Engineer Intern,</i>	<b>Kerala, India</b> <i>03/02/2020 - 1/09/2020</i>
<ul style="list-style-type: none"><li>Successfully Designed and Published an Automation tool for QNAP's NAS using Python, Django Framework, SQL, JavaScript, Linux Shell Scripting, and Docker. Thus, automating the task for the user to save time.</li></ul>	

## Leadership & Other Experience:

<b>Cardiff University</b> <i>MSc Dissertation project</i>	<b>2022</b> <i>Cardiff, Wales</i>
<ul style="list-style-type: none"><li>Successfully Completed my thesis on "Deep unsupervised denoising of radar images" using Deep Convolution Neural Network in PyTorch.</li></ul>	
<b>Cardiff University</b> <i>Stock Price Prediction</i>	<b>2022</b> <i>Cardiff, Wales</i>
<ul style="list-style-type: none"><li>Successfully built a LSTM model to predict the stock prices based on the previous stock data using TensorFlow for Python.</li></ul>	
<b>Cardiff University</b> <i>Visualizing Nobel Laureate Trend</i>	<b>2022</b> <i>Cardiff, Wales</i>
<ul style="list-style-type: none"><li>Created a Dashboard to visualize the trend in the Nobel laureate over the years using Python, Dash and Plotly.</li></ul>	
<b>St Vincent Pallotti College of Engineering and Technology</b> <i>Bachelor's Final year project</i>	<b>2018-2019</b> <i>Maharashtra, India</i>
<ul style="list-style-type: none"><li>Collaborated with a team to work on a Gesture-based keyboard using Arduino.</li><li>Successfully wrote the Arduino codes for Arduino Nano microcontroller and created an ML model to identify the gesture and predict the words.</li><li>Oversaw the working of the project and assigned the respective roles for team.</li></ul>	
<b>St Vincent Pallotti College of Engineering and Technology</b> <i>Workshop on Machine Learning</i>	<b>2018</b> <i>Maharashtra, India</i>
<ul style="list-style-type: none"><li>Organized a Workshop on the basics of machine learning and how to make a simple model using python. Also oversaw leading the group and writing and explaining the code in python.</li></ul>	
<b>Airport Authority of India, Nagpur</b> <i>Bachelor's Third year project</i>	<b>2017-2018</b> <i>Maharashtra, India</i>
<ul style="list-style-type: none"><li>Collaborated to Create a centralized log system for ATCO officers of Airport authority India.</li><li>The role included building the backend for the project using PHP and MySQL.</li></ul>	

## Personal Projects:

<b>Portfolio website</b>
<ul style="list-style-type: none"><li>The portfolio website acts as an extension to my resume with the aim of showcasing my skills and projects using React, Node JS, and SCSS .</li><li>The website is hosted on Linode's cloud server using Ngnix.</li></ul>
<b>Gitignore Generator</b>
<ul style="list-style-type: none"><li>A VS Code extension that generates '.gitignore' file for the project. The extension uses the gitignore.io API and VS Code extension API.</li></ul>
<b>Outlook Search attachment</b>
<ul style="list-style-type: none"><li>This project automates the task of searching for relevant attachments inside the emails in Outlook using Microsoft Graph API and Python.</li></ul>

## Professional skillset:

**Programming Languages:** Python, R, JavaScript, TypeScript, PHP, SQL, HTML, CSS, C++, Linux Shell Scripting  
**Skills & Miscellaneous Technologies:** Docker, Scikit-learn, NumPy, Pandas, React, Redux, Node JS, Django, Flask, D3, MongoDB, Sass, TensorFlow, PyTorch, Deep Learning, Git, Tableau, Restful API, Dash, SciPy, Statsmodels, Agile(Scrum)