



# Jayani Gunasekara

## Front-end developer

### CONTACT ME

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### EDUCATION

**MSc in Machine Learning & Data Mining (M1 & M2)**

**University of Jean Monnet, Saint Etienne, France**

2018 - 2020

**BSc (Special) in Mathematics with Statistics**

**Wayamba University of Sri Lanka**

2013 - 2017

- GPA: 3.48/4.00 (was included in the Dean's list in 2015 & 2016)

### SKILLS

HTML, CSS, Tailwind, Bootstrap

React js (Next js) , JavaScript, SQL, AWS

Python (Tensorflow, Keras, Numpy, Pandas), Java (Maven),  
Git/Btbucket, VMware

### LANGUAGES

English - Fluent

French - Intermediate

Sinhala - Native

### WORK EXPERIENCE

Front - end developer (Contract)

Jan 2023 - present

**FireflyApps Ltd, Sheffield, UK**

Develop, design and maintain web applications.

**React js (Next js), Node js, Tailwind**

Freelancer - Front - end Developer

Jan 2021 - Dec 2022

**10, Allée des Acacias, 38800**

Translate user-friendly designs into clean code | Identify customer requirements | Build personalized and customized features for users | Generate website mockups and prototypes | Collaborate with web designers and back-end developers to complete projects | Develop and optimize live platforms

**React js, Node js, Bootstrap, Tailwind**

Intern Data Scientist

Feb 2020 - Jul 2020

**Eaton Industries, Montbonnet Saint Martin**

Data manipulation, cleaning, exploration, and analysis | Extraction of features from large amounts of data | Develop energy prediction algorithms | Optimization of algorithms and porting from Python to Java | Test deployment of the model | Data visualization | Writing reports | Work in an agile environment | Presentation of analysis results

**Python, Java , VMWare - Data Center**

Tutor Mathematics and Statistics

Feb 2017 - Nov 2017

**Wayamba University of Sri Lanka**

Subjects tutored: Statistical inference, Time series analysis, Numerical methods, stochastic processes, Statistical techniques, Statistical data analysis and report writing

**Matlab, Minitab, R**

### PUBLICATIONS

Study on optimization of tropical fish harvesting of a Sri Lankan fish farm (Applied Science , Business and industrial research symposium, 2017 · Aug 3, 2017

Gunasekara S.G.V.J.C., Dharmawardane P.M.N, 'Study on optimization of tropical fish harvesting of Sri Lankan Fish Farm'. Proceedings of the 9th Symposium on Applied Science, Business & Industrial Research - 2017 ISSN 2279-1558, ISBN 978-955-7442-09- 9, (pp 153-158).

### PROJECTS

**Restaurant Website**

React js, HTML, Bootstrap, css

**ToDo app**

React js- hooks

**Toxic comment classification problem**

Python (Keras), LSTM, Embedding

**Anomaly detection on Airbus**

Python, Ensemble model statistical Methods

**Fully Responsive WebSite with modern UI/UX**

React js, Tailwind

**Deep Learning for Chatbots**

Python-Tensorflow, Flask ,  
HTML, CSS

To be continued ....