

# Manoharan Subasthican

## Data Science Intern

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 Jaffna, Sri Lanka

 <https://github.com/subasthican>

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## Professional Summary

Aspiring Data Scientist and full-stack developer with expertise in Python, MERN stack (MongoDB, Express.js, React, Node.js), and data analysis tools. Skilled in data cleaning, visualization, and building predictive models. Experienced in designing and deploying web applications, integrating front-end and back-end solutions, and writing clean, maintainable code. Passionate about data-driven solutions and eager to apply analytical and programming skills in a professional data science internship.

## Education

### BSc (Hons) in Information Technology, Specializing in Data Science

Nov 2023 – Present

Sri Lanka Institute of Information Technology – Northern Uni

### G.C.E. Advanced Level

Jan 2019 – Feb 2022

J/Jaffna Hindu College

## Projects Experience

### • DollarsElectro (MERN Stack Electronic Shop)

Built user management, product catalog, and cart/checkout features with React, Node.js, Express, and MongoDB. Designed a modern responsive UI using Tailwind CSS.

### • Construction Management System - SLIIT Academic

Developed full CRUD functionality for customer management and contributed to workflow design using Java, JSP/Servlets, and SQL.

### • Online Tour Guide – Web Application - SLIIT Academic

Implemented login/registration, profile management, and user/admin dashboards using HTML, CSS, PHP, and MySQL on XAMPP, with a responsive and user-friendly interface.

### • Personal Wellness App – Android (Kotlin) - SLIIT Academic

Built a wellness app with daily habit tracking, mood journaling, and hydration reminders using Kotlin and Android Studio. Used Shared Preferences for data saving and implemented a clean, responsive UI.

## Technical Skills

**Programming & Data Science:** Python, R, SQL, NoSQL Databases, Machine Learning, Statistics & Probability, Excel for Data Analysis, Big Data Tools

**Web Development & Tools:** HTML, CSS, Tailwind CSS, Bootstrap, JavaScript, Express.js, React.js, Node.js, MongoDB, Postman, Git

## Soft Skills

- Decision Making
- Teamwork
- Time management

## Certificates

- Machine Learning Statistical Foundations Professional Certificate in LinkedIn Learning.
- Anaconda Python for Data Science Professional Certificate in LinkedIn Learning
- Career Essentials in Data Analysis in LinkedIn Learning

## **Languages**

- Tamil – Native
- English – Professional

## **Hobbies & Interests**

- exploring new software tools
- Reading technology blogs
- Listening to music

## **References**

### **Mr. V. A. M. Ragunathan Sinthujan**

Lecturer

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### **Mr. K. Thiruthanigesan**

Lecturer

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### **Ms. Vishaliney Pirathap**

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