



Jithnuka Weerasinghe

Data Science Intern

✉ weerasi-ps21114@stu.kln.ac.lk ☎ 0716838139 📍 Matara, Sri Lanka

🌐 linkedin.com/Jithnuka Weerasinghe 🐙 github.com/JITHNU

👤 PROFILE

I'm a dedicated 3rd year undergraduate student pursuing a degree in Statistics and Computer Science, with a strong passion for data science and software development. I enjoy uncovering insights from data and using technology to solve real-world problems. With a solid foundation in statistical modeling and programming.



Whether it's analyzing data, building web applications, or creating robust backend systems, I'm always eager to learn and take on new challenges. I'm actively seeking a software engineering internship where I can expand my technical expertise, gain practical industry experience, and contribute to impactful, data-driven solutions.

🎓 EDUCATION

2023 – 2026 Kelaniya, Sri Lanka	Bachelor of Science in Statistics & Computer Science University of Kelaniya
2023 – present Colombo, Sri Lanka	Bachelor of Information Technology University of Colombo School of Computing Completed Diploma in IT
2007 – 2021 Matara, Sri Lanka	GCE Advanced Level-Physical Science Stream Rahula College - Matara GCE O/Ls - 6As 3Bs GCE A/Ls - 1Bs 2Cs

📁 PROJECTS

2025	Fraud Detection App using Graph Neural Networks (GNNs) Personal Project ✓ Built a fraud detection system using GraphSAGE (GNN) with a Streamlit web app for manual & bulk CSV predictions. Features include interactive visualizations (histogram, ROC curve, confusion matrix) and downloadable results. <ul style="list-style-type: none">Technologies: Python, PyTorch, Streamlit, Pandas, Seaborn, Matplotlib, NumPy, GNNs
2025	Sentiment Analysis Web App Personal Project ✓ Developed a sentiment analysis web application using Streamlit and NLTK, trained a machine learning model to classify text sentiment, Integrated seaborn and matplotlib for data visualization, improving insights. <ul style="list-style-type: none">Technologies : Python, Streamlit, NLTK, NLP, Scikit-learn, Seaborn, Matplotlib, Pandas, Hugging Face Spaces
2025	Churn Prediction System Personal Project ✓ Developed a machine learning-based customer churn prediction application for a telecom company to identify at-risk customers and optimize retention strategies. <ul style="list-style-type: none">Technologies: React.js, JavaScript, Python, MySQL, Machine Learning (Logistic Regression, Decision Trees), Flask, RESTful APIs, Railway, Git.
2025	Epic Talk – Podcast Website Personal Project ✓ Designed and developed the official website for Epic Talk, a science-focused podcast platform. The site features engaging sections like psychology talks, university playlists, live discussion registration, and listener feedback. <ul style="list-style-type: none">Technologies: HTML, CSS, JavaScript, Bootstrap, PHP & MySQL

2025	Movie Recommendation System Personal Project  Developed a personalised movie recommendation system that provides movie suggestions based on user preferences and historical data. <ul style="list-style-type: none"> Technologies : Python, Jupyter Notebook, Streamlit, Google Drive (for file storage).
2025	Time Series Sales Forecasting Dashboard – Power BI Personal Project  Designed and developed an interactive Power BI dashboard by cleaning retail sales data, applying built-in time series forecasting, and visualizing key metrics with filters, drill-throughs, and KPIs for dynamic trend analysis and presentation. <ul style="list-style-type: none"> Technologies: Power BI, DAX, Data Cleaning, Forecasting Analytics


SKILLS

Programming :
 Python, Java, C, R, SQL, C#

Tools & Libraries :
 Flask, Scikit-learn, Pandas, Streamlit, Git

Web :
 HTML, CSS, JavaScript, Node.js , Angular, PHP, Bootstrap

Soft Skills :
 Communication, Problem-Solving, Leadership, Critical Thinking

 CERTIFICATES		
Python For Beginners University of Moratuwa (Aug 2022)	Python Programming University of Moratuwa (Aug 2022)	Web Design For Beginners University of Moratuwa (Sep 2022)
Front End Web Development University of Moratuwa (Feb 2023)	Server Side Web Development University of Moratuwa (Jan 2025)	Foundation of Project Management University of Moratuwa
Fundamental AI Concepts Microsoft (Oct 2024)	R programming for Beginners Simplilearn (Oct 2024)	Active Participant Stat Camp,University of Kelaniya

 ROLES AND RESPONSIBILITIES	
2024 – 2025	Statistics & Computer Science Students Association Junior Treasurer <ul style="list-style-type: none"> Managed financial records, assisted in budget planning, and ensured transparency in financial transactions for the student association.
2024 – 2025	Leo Club of University of Kelaniya Chairperson - Project Aduren Eliyata <ul style="list-style-type: none"> Led and organised my team of project Aduren Eliyata OC team for outreach initiatives, coordinated with volunteers, and managed project execution to support underprivileged communities.
2023 – 2025	Rotaract Club of University of Kelaniya Treasurer - Project MediaSpark <ul style="list-style-type: none"> Oversaw project budgeting, managed financial resources, and ensured proper allocation of funds for building media unit for the club.
2023	Participated in the Freshers’ Badminton Tournament, University of Kelaniya
2019 – 2020	Science Society of Rahula College - Matara Class Representative

 REFERENCES
Dr. H W B Kavinga , Senior Lecturer, University of Kelaniya basitha@kln.ac.lk, +9477 847 9812
Mr. T Jayasinghe , Regional Manager, LB FINANCE - Matara thilinaj@lbfinance.com, +9477 741 9390