



Senan Dulneth

Data Analyst Intern

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Contact

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Technical Skills

Programming: Python, Java, TypeScript , C#, C++

Frameworks: React.js, MERN, .NET, Angular

Python Libraries : NumPy, Pandas, Scikit-learn, TensorFlow, Matplotlib

Cloud & Deployment: AWS, Azure, Vercel

Database: SQL, MongoDB, SQLite

Tools: GitHub, Git, Jira, VS Code, Visual Studio, Android Studio, Postman, SQL Server Management studio, Redux

Professional Skills

- Agile teamwork
 - Problem Solving
 - Time management under deadline
 - Fast learning
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Professional Experience

Project Third eye Trading: Worked with an client via Upwork, primarily handling C# backend development, including real-time communication using SignalR and WebSockets, resulting in a 30% improvement in live data updates, Coordinated with a React.js frontend.

PROJECTS

Stock Prediction Model(Python, NumPy, Pandas, yfinance)

Developed a real-time stock forecasting application using LSTM (Long Short-Term Memory) networks and a Streamlit dashboard. Engineered a persistent SQLite database for efficient historical data management and implemented automated data synchronization via Yahoo Finance API. Integrated model retraining capabilities, performance tracking (MAE/RMSE), and multi-step future price projections to enhance predictive accuracy and user interaction.

Snazzy E-Commerce Platform (MERN Stack)

Developed a full-featured MERN e-commerce platform with secure JWT authentication, advanced product filtering, real-time chat support, and Stripe integration for payments. Built an admin dashboard for managing products, promotions, users, and orders while optimizing API performance for smoother user experience.

Medy App - Daily Habit, Mood & Hydration Tracker (Android, Kotlin, MVVM)

A Kotlin-based mobile application designed to support daily well-being and productivity. The app allows users to log their moods in a personal journal, track daily habits, and visualize progress through intuitive graphical charts. It also includes a hydration reminder system with notifications to encourage healthy water intake throughout the day. Built with a user-friendly interface focused on simplicity and consistency.

Portfolio Website (React, TypeScript)

A personal portfolio website developed using React and TypeScript, designed to showcase my technical skills, projects, and background. The site features a clean, responsive interface focused on clarity and usability, providing visitors with an overview of my work, experience, and interests as a developer.

Bidify - Online Auction Platform (Java, JSP/Servlet, SQL , Tomcat)

Created a full-stack auction system using Servlets & JSP with MVC architecture. Enabled real-time bidding, seller item listings, and secure purchase workflows. Built the full frontend using HTML/CSS/JS.

Wed.In - Wedding Hotel Reservation System (HTML, CSS, JS, PHP, SQL)

Built a hotel reservation system for wedding venues using PHP and MySQL, with a responsive frontend in HTML/CSS/JS. Implemented user booking, hotel listings, and admin management features

Certifications

- IBM Full-Stack Cloud Developer Certification
 - AI & ML SLIIT
 - Microsoft Azure Data Fundamentals (DP-900)
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EDUCATION

- **BSc (Hons) in Information Technology Specializing in Data Science(UG) | Nov 2023-2027**
- CGPA: 3.3 / 4.00
- **G.C.E. Advance Level-2022 (Science Stream)**
- Sivali Central College Ratnapura - 3 | Passed With 3 S ' s