

# Izzath Nisfer

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## About Me

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Full-Stack Developer and UI/UX Designer specializing in Next and React ecosystems combined with node backend. I bridge the gap between complex backend logic and pixel-perfect design, building high-performance applications with seamless animations and robust microservices. Proven ability to deliver production-ready code with a focus on SEO, accessibility, and modern UI patterns.

## Education

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- BSc University of Moratuwa**, Computer Science Engineering (Hons) Sri Lanka  
• Coursework: Data Structures and Algorithms, Object-Oriented Programming, Computer Architecture, Operating Systems, Database Systems, Discrete Mathematics Mar 2024 – present
- A/L Jaffna Hindu College**, Physical Science Stream Jaffna, Sri Lanka  
• 3A's, Z-Score: 2.4921, Island Rank: 238 (Merit) Jan 2020 – Feb 2023  
• Subjects: Physics, Combined Mathematics, Chemistry, English (A)
- O/L D.S. Senanayake College**, Physical Science Stream Colombo, Sri Lanka  
• Results: 9 A's Jan 2014 – Dec 2019  
• Subjects: Mathematics, Science, English, History, Tamil, Islam, Sinhala, ICT, Tamil Literature

## Experience

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- Third Space Global**, Junior Front-End Developer & QA Tester – Trainee Remote  
• Led UI enhancements and feature updates, bridging the gap between design and implementation using Git. June 2024 – Sept 2025  
• Conducted rigorous QA testing for internal dashboards, ensuring pixel-perfect responsiveness and functionality.  
• Collaborated in an agile remote environment to integrate new features seamlessly.
- Third Space Global**, Online Maths Tutor Remote  
• Delivered personalized lessons to UK/US students, adapting communication for diverse learning styles. Feb 2024 – July 2025  
• Worked with quality teams to refine session interactivity, demonstrating strong attention to user engagement.

## Projects

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- GoldNest** (Web Platform) [Github](#)  
• Built a scalable fintech platform using Next.js, React, and MongoDB with AI-driven insights (Groq SDK).  
• Implemented a secure Blockchain layer (Hardhat/OpenZeppelin) for tokenizing gold assets.  
• Features real-time dashboard analytics (Chart.js) and secure JWT authentication.
- GoldNest** (Mobile App) [Github](#)

- Developed a high-performance cross-platform app using **Flutter** and **Provider** for state management.
- Integrated Biometric Authentication (FaceID/Fingerprint) for enhanced user security.
- Designed a gamified experience with real-time interactive charts (FL Chart) and instant trading features.

#### **Windows Seek-n-Control** - AI Automation

[Github](#) 

- Built a cutting-edge MCP enabling LLMs to autonomously control Windows OS.
- Integrated pytesseract for OCR and pywin32 for low-level system interaction and accessibility control.
- Demonstrated ability to work at the intersection of AI agents and Operating System APIs.

#### **BrightBuy** - E-Commerce System

[Github](#) 

- Developed a high-performance commerce platform using Next Router and a custom MySQL backend.
- Optimized database performance using Raw SQL Stored Procedures, bypassing overhead for speed.
- Features a fully responsive design system with live inventory tracking and complex product variants.


#### **MediBridge** - Digital Health Passport


[Github](#) 


- Engineered an interoperable healthcare backend using Ballerina, handling secure patient data.
- Built a Microservices system (PRD, Consent, Assist) with a centralized Gateway for scalable API routing.
- Focus: HTTP/REST APIs, Secure Data Handling, Scalable Distributed Systems.


## Certifications


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**NVIDIA** - Fundamentals of Accelerated Data Science: [View](#) 

**University of Leeds** - Create a UX for Mobile Apps: [View](#) 

**University of Leeds** - Decision Making: Right Problem to Solve: [View](#) 

**University of Leeds** - Learn to Code for the Web: [View](#) 

**NoviTech R&D** - MasterClass in Artificial Intelligence: [View](#) 

## Achievements

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**First Place, Devthon 2.0**, University of Moratuwa: Built GoldNest, creating the complete UI/UX and backend for a fintech solution

**Second Runner-up, OctWave 2.0**, IEEE IAS, UoM: Ranked 3rd in Sri Lanka for AI/ML solutions, focusing on computer vision

## Technologies

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- **Languages & Frontend:** JavaScript, TypeScript, Python, React, Next, Flutter/Dart, HTML5/CSS3
- **Design & UI:** Figma (Prototyping & Design Systems), Framer Motion, Tailwind CSS, UI/UX Principles
- **Backend & Systems:** Node.js, Ballerina, MySQL, PostgreSQL, MongoDB, Docker, Git, Cloudflare, AWS Deployment
- **Other:** C/C++, Java, Linux/Bash, Algorithms & Data Structures, OOP, SDLC, REST APIs, JSON/XML

## Language Proficiency

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- **English** (Fluent - Professional Working)
- **Tamil** (Native)
- **Sinhala** (Working)