ISHAN THARAKA

As a Computer Science graduate, I have a strong foundation in programming and software program improvement, a short mastering mindset, and the capacity to clear up complex problems. My profession includes knowledge in growing user-friendly interfaces, system capability, and fingers-on enjoy in designing powerful software answers. I am passionate about the usage of modern generation to force innovation and make contributions to organizational achievement.

CONTACT

- 📞 (+94) 75 8554166
- ✉️ ishantharaka887@gmail.com
- 🔗 linkedin.com/in/ishantharaka/
- 🐙 github.com/IshanTharaka
- 🌐 ishan-tharaka.netlify.app
- 📍 Mahara, Kadawatha.

TECHNICAL SKILLS

- C / C#
- .NET Framework
- Java
- HTML / CSS
- JavaScript
- Python
- SQL
- PL/SQL
- React
- Node.js
- PHP

TOOLS & TECHNOLOGIES

- CodeBlocks
- NetBeans
- VS Code / VS
- SSMS
- MySQL
- Oracle
- SQL Developer
- Intellij IDEA
- ScenceBuilder
- Git
- Postman
- RStudio
- Google Colab

EXPERIENCE

Bellvantage (Pvt) Ltd / Melstasoft

Associate Software Engineer   Sep 2024 - Present

- Developed and optimized user interfaces and formats for Continental Insurance Life Internal Systems.
- Identified and resolved critical bugs to enhance system performance and reliability.
- Collaborated closely with cross-functional teams to meet project requirements and deadlines.

Intern Software Engineer   Feb 2024 - Sep 2024

- Developed core features for Sanasa Life Insurance and DCSL Scad Internal Systems using the .NET framework and C#.
- Developed and optimized database queries and managed operations in SQL Developer and SSMS.

EDUCATION

B.Sc. (Honours) in Computer Science   2020-2024
GPA: 3.34 / 4.0
Department of Computer Science
Faculty of Applied Science
University of Sri Jayewardenepura

Trainee Full Stack Developer Programme   Present
University of Moratuwa | Moratuwa

G.C.E. Advanced Level examination - (A, B, C)   2018
(Physical Science Stream)
Galahitiyawa Central College | Ganemulla

G.C.E. Ordinary Level Examination   2015
Kelaniya President's College | Mahara

PROJECTS

- **Exchange Rates Prediction Using Generative Adversarial Network**   2024

  This is the final year research project. Develop an ML model to predict the exchange rates for major currencies (USD, GBP, EUR).
  Technologies: Python | Google Colab | TensorFlow/PyTorch

PERSONAL SKILLS

- Problem Solving
- Time Management
- Leadership
- Team Work
- Fast Learning
- Adaptability

EXTRA ACTIVITES

Member - IEEE University of Sri Jayewardenepura
Student Branch | 2022

Qualified as a "Sharpshooter" in Sri Lanka Schools Air Rifle & Air Pistor Shooting Champianship
Sri Lanka Schools Shooting Sports Association | 2017

REFEREES

B.Dineesha Dilihini Perera
Senior Software Engineer
Bellvantage (Pvt) Ltd / Melstasoft Kottawa - Malabe Rd, Pannipitiya
dineeshap@gmail.com
(+94) 77 446 7102

Dr. Ravindra De Silva
Head | Senior Lecturer in Computer Science,
Department of Computer Science, University of Sri Jayewardenepura.
ravi@sjp.ac.lk
(+94) 77 746 4000

- **Customer and Product Mangement System** 🔗 **2023**

  Developed a Java FXML-based desktop Point-of-Sale (POS) System. Features include customer and product management, placing an order, viewing order details, and daily income are the main features of this system. The system is developed based on MVC architecture.
  Technologies: Java | SQL | FXML | MySQL | SceneBuilder | Intellij IDEA

- **News Headlines Sentimental Analysis (Group Project)** 🔗 **2023**

  Developed using an ML model, a webpage has also been integrated for entering news sentiment and displaying the output.
  Technologies: Python | Jupyter Notebook | Angular | Flask

- **Yoga Assistant (Group Project)** 🔗 **2023**

  This web application can be used to check whether a user's yoga posture is correct or incorrect. ML models are used to detect each pose and user posture separately.
  Technologies: React | Python

- **Table Lamp Robot (Group Project)** 🔗 **2023**

  A table lamp robot capable of detecting the hand and autonomously tracking its movements, ensuring precise light direction wherever it is required.
  Technologies: Arduino | IoT

- **API for a Student Management System** 🔗 **2023**

  API endpoints were developed to grant users access to a student database, allowing them to perform CRUD operations. To ensure their functionality and reliability, they were tested using POSTMAN.
  Technologies: PHP | MySQL| Postman | XAMPP

- **Portfolio** 🔗 **2022**

  Designed and implemented a personal portfolio website showcasing projects, skills, and accomplishments, offering a user-friendly interface to present a professional profile.
  Technologies: Next.js|Tailwind CSS | TypeScript | MongoDB

ACHIEVEMENTS

- **Road To Codemania '21: Python Fundamentals & Algorithmic Programming** **2022**
  IEEE Computer Society of SLTC

- **HTML & CSS - Certification Course For Beginners** **2022**
  Udemy

- **Pearl - Viz Data Visualization Competition** **2021**
  Participated in the Data Visualization Competition organized by the Statistical Society, University of Sri Jayewardenepura.