

Chathurika Harshani Narayana
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Passionate and innovative tertiary secondary STEM educator looking to gain additional education and experience by enrolling in a graduate-level program that will provide opportunities for growth and advancement.

EDUCATION

- **B.Sc Special Hons Degree in Information Technology**

Sri Lanka Institute of Information Technology (SLIIT)

- **Academic Projects**

- Developed a website for Internet Technology and Application subject using .NET and MS SQL.
- Developed a fully functional website for a transport company using .NET and MS SQL.
- Developed a desktop application for a gold brokering system using .NET and MS SQL.
- Developed a research-based application for the beauty culture industry.

Used Technologies: .NET Framework, OpenCV, EmguCV, NyARToolKit, Augmented Reality, and Image Processing Techniques

EXPERIENCE

- **SOFTWARE DEVELOPER**

Brandix Essentials, Ratmalana, Sri Lanka (2012-2014)

Projects:

- **Automatic Operator Assistance (AOA)**

Description: AOA is an internal web application developed by the Department of Research and Development. The primary purpose is to improve the performance of the Machine Operators.

- **Website for the Department of Research and Development**

Description: Developed a Website for the Department of Research and Development to represent completed projects and ongoing projects and to display team R and D techniques.

- **Online Production Update (OPU)**

Description: OPU is an internal web application used to update the Plant-wise production details and provides updated details to the plant management.

- **Daily Monitoring Report Application**

Description: An internal web application was developed to generate a report based on the captured data by Fabric Relaxing Machines of plants.

- **Line Quality Measuring Application**

Description: Internal Windows application developed to identify the lines that have issues with cutting pieces for the current time.

- **Product Development Update SMS Application**

Description: Identify the development stage of the product and send a message to the customer.

Used Technologies: .NET Framework 4.0, Web Services, IIS, JavaScript

Tools: Microsoft Visual Studio 2010, SQL Server 2008

- **APPLICATION SUPPORT ENGINEER**

Health Metrics, Colombo 3, Sri Lanka (2014-2015)

Provide SQL Queries and Stored procedures to the development team for Health Metrics' main application called E-case.

- **GOVERNMENT SCHOOL INFORMATION and COMMUNICATION TECHNOLOGY TEACHER**

Sri Lanka (2015-2019)

- **CP/K/ Sirisaman Vidyala, Kotmale, Sri Lanka (2015-2016)**

- **CH/ St. Sebastian's Central College, Katuneriya, Sri Lanka (2016-2019)**

- **ONLINE INDEPENDENT CONTRACTOR**

Appen Limited, 12131 113th Ave NE, Suite No: 100, Kirkland, WA 98034 (Actively working since 2020)

Data labeling used for the development of machine learning and artificial intelligence products.

Publications

- Author A, Author B. *Title of the First Publication*. Journal of XYZ, 2023.
- Author C, Author D. *Title of the Second Publication*. Journal of ABC, 2022.
- Author C, Author D. *Title of the Second Publication*. Journal of ABC, 2022.
- Author C, Author D. *Title of the Second Publication*. Journal of ABC, 2022.