



K.G.R. Mileesha

Associate Software Engineer

Contact

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LinkedIn

<https://www.linkedin.com/in/rasindu-mileesha-856775277/>

GitHub

<https://github.com/RasinduMileesha>

Websites/ Portfolios

- <https://rasindumileesha.github.io/portfolio/>

Organizations

- Debaters Club at Horizon Campus.
- Astronomy Society at Horizon Campus
- AISECC at Horizon Campus
- Leo Club at Horizon Campus
- Mentroof

Detailed-oriented, organized and meticulous employee. Works at fast pace to meet tight deadlines, enthusiastic team player ready to contribute to company success.

Work Experience

Software Developer (2023-12-08 to present)

Ceylon Innovation Services Pvt, Ltd, Chilaw, Sri Lanka.

- Developed intuitive Windows Forms applications for ERP systems using C#, seamlessly integrating with MS SQL databases to streamline business operations.
- Built robust mobile applications for Android using Java in Android Studio and developed cross-platform solutions with .NET MAUI, enhancing user experiences across devices.
- Engineered and deployed web applications using ASP.NET/Core, integrating them with mobile apps to provide unified solutions for seamless user engagement.
- Led a high-performing team, overseeing the development of key projects and delivering impactful demonstrations to clients, ensuring successful project outcomes. Improved team collaboration using agile methodologies, increasing project delivery speed
- Designed and optimized stored procedures and complex database operations using MS SQL Server 2014/2016 to enhance data integrity and operational efficiency.

IT Executive (2018-09-27 to 2020-08-28)

Global Communications and Surveillance Pvt, Ltd, Thudella, Ja-Ela Sri Lanka.

- Improved IT infrastructure by implementing advanced network security measures and system upgrades
- Fostered a culture of learning and Innovation within the IT team by promoting knowledge sharing, collaboration, and professional development opportunities.
- Enhanced overall system performance with regular maintenance tasks, software updates and hardware replacements.
- CRUD operations on MS SQL Server database operations.

Education

- **Bachelor of Science (Hons) in Information Technology**
Horizon Campus Knowledge City Malabe-
Malabe, Sri Lanka (2020-09 to 2025-03)
- **G.C.E Advanced Level Examination**
St. Sebasthian college -
Katuneriya, Sri Lanka (2018-08)
- **G.C.E Ordinary Level Examination**
St. Peters college -
Negombo, Sri Lanka (2015-12)

Skills

- **Languages:**
JAVA, PYTHON, C, C#, PHP, JAVASCRIPT, SQL, KOTLIN
- **Frameworks:**
.Net, ASP.NET Web/Core, Xamarin Forms, .NET Maui, Windows Forms App, Flask, Selenium, Flutter
- **Tools/API:**
Unity, Blender, Restful API
- **Machine-Learning:**
Keras, Scikit-learn, TensorFlow, Deep Learning, NLP, CV
- **Front-End:**
HTML/CSS/React/XML/Json
- **Database:**
MYSQL, SQLITE, MSSQL, MongoDB
- **Platform:**
GitHub, GitLab, Source Forge
- **IDE:**
Android Studio, Eclipse, Visual Studio, VS code, NetBeans, PyCharm, Dev C++
- **Cloud Based Environment:**
Jupyter Notebook, Google Colab, Microsoft Azure Notebooks

Certifications

- AI/ML Engineer Stage 1
 - Introduction to Digital Forensics
 - Machine Learning for All
 - Introduction to ML US
 - The Mern Stack
 - Cisco Certification
 - Python for Beginners (UOM)
- [Link to LinkedIn](#)

Volunteering

- MentRoof Program
[Link in LinkedIn](#)
- Leo Club Street Dog welfare
[Link in YouTube](#)

Professional Projects

Seethawaka Regency Awissawella ERP & Mobile App Solution

Sep 2024 - Nov 2024

- For the web application, I used C# with ASP.NET Core, connected to an MS SQL database. After hosting the website, the mobile app was, built in Android Studio, I integrated WebView to enable direct ordering. The orders are saved in SQL Server and displayed on MainActivity.java, with a feature that prints POS receipts via a Bluetooth printer for seamless customer experience.
GitHub Link 01: <https://github.com/RasinduMileesha/ASP.NET-core-Web-Application-for-Food-Ordering>
GitHub Link 02: <https://github.com/RasinduMileesha/ASP.NET-core-Web-Application-for-Food-Ordering>

Ransiri Bakers Narammala ERP & Mobile App Solution

Aug 2024 - Oct 2024

- For the web app, I utilized C# with ASP.NET Core, linked to an MS SQL database. After development, I collaborated with a system engineer to successfully host it on the company’s server. For the mobile application, built in Android Studio, I incorporated a WebView that allows users to place orders through the app, with data stored in SQL Server. A feature I added also enables printing of POS bills via Bluetooth, streamlining the order process.
GitHub Link 01: <https://github.com/RasinduMileesha/ASP.NET-core-Web-Application-for-Food-Ordering-project02>
GitHub Link 02: <https://github.com/RasinduMileesha/Android-Based-Mobile-Application-for-Food-Ordering-Project02>

Transforming Zam Gems with a Custom ERP System by Ceylon Innovation

Sep 2024 - Nov 2024

- With 15 branches nationwide, Zam Gems needed a dynamic, scalable ERP solution to unify operations and streamline management across various locations. Together, we designed and implemented a system with:
- PoS Integration for seamless, real-time transactions
- Inventory Transfers to improve stock flow between branches
- Certificate Management System for gem authentication and transparency
- GRN (Goods Received Note) Management for precise inventory handling
- Advanced Reporting System to enable data-driven strategies
- Item & Stock Management to ensure accuracy and traceability
- Stock Audits for compliance and efficient tracking

As part of the project, I personally visited each location, ensuring the ERP system met their unique needs.

Link 01: <https://rasindumileesha.github.io/portfolio/#gallery>