

Milni Chandrasekara

📍 Kelaniya, Sri Lanka ✉ mvchandrasekara@gmail.com ☎ (+94) 76 766 0054 🗣 Milni Chandrasekara
in Milni Chandrasekara 🌐 Portfolio

About Me

I'm a motivated Computer Science undergraduate at Eastern University of Sri Lanka, passionate about software development and data science. I'm pursuing a career as a full-stack developer and data analyst, with experience in Java, C#, C++, Python, JavaScript, and frameworks like ASP.NET, React, Angular, and Flask. I'm also skilled in SQL, Excel, and Power BI for data handling and visualization.

I am a challenge-accepting team player who thrives in collaborative environments and is committed to delivering innovative, high-quality solutions that make a real impact.

Education

Eastern University of Sri Lanka

2022 – Present

- Bachelor of Computer Science (3.7 Current GPA)

Government Science College, Matale

2016 – 2020

- G.C.E. Advanced Level in Physical Science stream with 1 A and 2 C passes

Projects

(01). Sales Report Dashboard

[Source code](#) 

- Designed and developed an interactive Power BI dashboard to analyze and visualize sales performance across regions and product categories.
- Imported, cleaned, and transformed raw Excel data using Power Query for accurate reporting.
- Built dynamic visuals including bar charts, maps, cards, and slicers to enable real-time filtering and comparison.
- Applied DAX measures for advanced calculations like profit margin, total sales, and customer distribution.
- Ensured responsive layout and report optimization for better readability and usability in presentations.

(02). Superpowers Tracker

[Source code](#) 

- Developed a responsive full-stack web application for users to share and manage superpower posts.
- Built a dynamic ReactJS front end with reactive forms, client-side validation, and full CRUD operations.
- Designed and implemented a scalable ASP.NET Core Web API with layered architecture.
- Used Entity Framework with SQLite for database operations, applying migrations and data seeding.

(03). Glaucoma Detection System

[Source code](#) 

- A web-based glaucoma detection system integrating deep learning with doctor-patient interaction.
- Technologies: Python, Flask, TensorFlow/Keras, ReactJS, Bootstrap.
- Implemented EfficientNetB0 CNN model to classify fundus images as glaucoma or normal.
- Integrated a simple chatbot with text-based messaging to assist users and answer queries.

(04). Personal Financial Dashboard

[Source code](#) 

- Designed an interactive Personal Financial Dashboard using Power BI to visualize income, expenses, and savings trends.
- Imported and transformed CSV based raw data using Power Query for efficient data cleaning and preparation.
- Created dynamic charts and KPIs to track monthly budgets, spending categories, and financial goals.
- Applied filters, slicers, and drill through pages for deeper insights and user-driven analysis.

(05). SLWalks(Ongoing Group) - Explore walks across Sri Lanka

[Source code](#) 

- A full-stack web application that enables users to discover and contribute walking trails across Sri Lanka, categorized by province, difficulty, and other details.
- Technologies: ASP.NET Core, React.js, Entity Framework Core, SQL Server
- RESTful API using EF Core for database access and data validation including search and filter functionality for walks by province, difficulty, or keywords.
- Responsive React UI with dynamic forms and interactive browsing experience.

Technical Skills

- **Languages:** C#, Python, C++, Java, JS, GNU Prolog
- **Frameworks:** ASP.NET, React
- **Databases:** MySQL, PostgreSQL
- **IDEs:** Visual Studio, VS Code, IntelliJ IDEA, Pycharm
- **API Development:** RESTful APIs
- **Data Analysis and visualization:** Power BI Dashboards and Reports, DAX Formulas, Power Query, Basic Statistics Concepts

Soft Skills

- Team Leadership
- Communication
- Project Management
- Problem-solving
- Decision-Making
- Collaboration
- Mentoring

References

Ms. K. Krishnaraj

Lecturer

Eastern University.

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