RYAN PERERA

C O M P U T E R - E N G I N E E R I N G   U N D E R G R A D U A T E ,
F A C U L T Y   O F   E N G I N E E R I N G ,
U N I V E R S I T Y   O F   R U H U N A

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I am a dedicated full-stack web developer with experience in both MERN and ASP.NET technologies. I'm ready to accept any challenge and confidently face them.

SKILLS

- **Programming Language –** C++, C#, JAVA, Python, Dart, HTML, CSS, JS
- **Frameworks and Libraries –** .Net Blazor, ASP.NET Core, Bootstrap, React
- **IDEs –** VS Code, VS, NetBeans
- **Design Softwares –** Android Studio, Figma, Flutter
- **Database –** PostgreSQL, MySQL, SQLite, FireStore, MongoDB
- **Version Control –** Git, GitHub
- **Operating Systems –** Windows, MacOS
- **Cloud Services –** AWS (reading)
- **Architectures –** Clean Architecture, Microservices
- **Soft Skills –** Leadership, Team Work, Social, Time Management, Problem Solving, Confident
- **Devops (reading) –** Docker, Jenkins, Kubernetes, Terraform, Ansible

EDUCATION EXPERIENCE

Faculty Of Engineering | University Of Ruhuna, Hapugala, Galle | Mar 2021 – Present
- BSC.ENG. (HONS) – Computer Engineering
- Current **OGPA – 3.79**
- Current **SGPA – 3.89**

School | De Mazenod College, Kandana | Jan 2006 - Aug 2019
- A/Ls – 2As 1B
- O/Ls – 8As 1B
- Former Chorister – Western Choir
- Former Swimmer

Diploma in CAD | Cadd Centre | Aug 2019 - Dec 2019
- 3 months Diploma

EXTRA CURRICULAR

President | Catholic Students' Society | University Of Ruhuna

- Oct 2023 - Present

<u>Team Member</u> | Ruhuna Racing | Faculty of Engineering, University Of Ruhuna

- R & D Team

PROJECTS

- [ERP System For The Faculty](#) | Academic Portal | .NET | (Present) –
  This system consists of five portals: Admin, Academic, Staff, Student, and Department. The Academic Portal mainly focuses on lecturer-related tasks such as Module Management, Result Analysis, and Student Request Management. ASP.NET Core Blazor Servers for the technologies and PostgreSQL for the database.

- [E – Commerce Web Application](#) | Mobile Phone Store | MERN –
  This a MERN full-stack e-commerce platform specializing in mobile phones and Bluetooth speakers. Features include admin/user logins, intuitive navigation, and a seamless cart experience.

- [Personal Website](#) | HTML, CSS, JS –
  This is my first complete project that I have completed in back in 2023. Some libraries were used for animations, fonts etc.

- [Finance Managing App](#) | SpendWise | FLUTTER –
  SpendWise, built with Flutter , integrates Firebase services for backend needs. Firebase Authentication handles sign-up/login, while Firestore manages real-time data storage, including user transactions. Widgets, structured hierarchically, ensure a responsive UI. Filtering, sorting, and budget/summary resets are efficiently implemented using Firestore queries.

- [Database Project](#) | MySQL | Entertaining TV Channel –
  All constraints are applied in this project, and the script can be executed with a single click. All tables are in third normal form.

- [Paper](#) | ML | Income Predicting Model –
  Income Predicting Model (Supervised) uses SVM and Decision Trees to predict income levels. Totally there was 14 features before pre processing. There were some missing values and null values. They all were well treated in the pre processing part and we obatained 84.9% accuracy using SVM and 82.2% accuracy for Decision Trees.

- WPF |C# | GUI Projects –
  - [Student Management System](#)
  - [POS System](#)

- C# | Console Based | Projects –
  - [Student Management System](#)
  - [Digital Voting System](#)

REFERENCES

Dr. Rajitha Udawalpola

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