SHEHAN ROSHAN JAMAL

Address: 3D-3, 15 Whitaker Place, Grafton, Auckland | **Phone**: 029 026 06649| **Email**:shehanjamal@gmail.com

LinkedIn: linkedin.com/in/shehan-roshan-jamal
Portfolio: https://shehanjamal.github.io/github-portfolio/

SUMMARY

A Passionate young software developer with **excellent communication**. Specialised mostly in **Python**. A master's in software engineering student with over 2 years of professional experience in full-stack development. Proficient in Python, Golang, and React, with a proven track record of delivering solutions for international clients. Soak in knowledge like a sponge. Due to my excellent talent in learning a bit of everything and the love of puzzles I will be able to give a unique view on problems and be able to solve them quickly.

PUBLICATIONS

- "A Review on Restaurant Recommender System," 2023 IEEE International Conference for Innovation and Technology (ICINTECH).

    - https://ieeexplore.ieee.org/document/9298450

WORK HISTORY

Software Engineer | 01/2021 to 01/2023 IFS – Sri Lanka

- Worked with several customers in Poland, Netherlands and America.
- Worked in different areas of development from handling PSO, Dialogs, Assistants, etc.
- Worked as an advisor for a Poland and Australian customers for PSO and other functionalities.
- Worked in different version of IFS application (App09 to Cloud 24R1, etc.).
- Created new reports specific to different customer, edited current XML files to include new fields and functionalities to suit different needs in customer reports.
- Handle Translation of the Application to different Languages for example Polish and French.
- Handle different kinds of uplifts (App09 to App10 and App10 to cloud).
- Created new time estimation sheets for other developers, made technical specification for customers in poland.
- Handle different kinds of customization from creating new pages and making new functionalities suited to customers. Gave unique ideas to help increase efficiency of certain customizations by telling what other functionalities that can be used instead of the ones in the specification.
- Have done multiple different presentation to the team where we help new employees understand functionalities.
- Handle data setup for environments by creating Tar scripts or fixing old Tar scripts to suit the newer versions as data that needs to be inserted is different.

Intern | 06/2020 to 12/2020 – Agile Financials – Sri Lanka

- Created the full sign-up process using React in front end.
- Integrated Auth0 into Application.
- Created the database in PSQL.
- Created login process Auth0 integrated).
- Handled testing (integrated and unit testing) for backend using Golang.

- Developed connection between database and backend API using Golang.
- Created GraphQL API using React.
- Created integrated and unit testing for GraphQL API.
- Created full sign-up process in backend using Golang.
- Created the email confirmation process with auth0 integrated.
- Contacted Colombo Stock Exchange to get data for the model.
- Presented a project demonstration to nation trust bank board members.

EDUCATION

- BEng (Hons) Software Engineering University of Westminster – Sri Lanka
- Foundation Certificate in Higher Studies Informatics Institute of Technology – Sri Lanka
- IGCSE Ordinary Level (O/L) Adventist International School – Sri Lanka

PROJECTS

ReachOut | 2025

- Architected a full-stack volunteer platform using **Docker** and **OpenAI API** and **AssemblyAI**, reducing task creation time from **3 minutes to 30 seconds** via voice-to-text integration
    - Tech Stack: Deployed on docker, OpenAi and AssemblyAI integration, python backend, React frontend and Apollo middleware.

Research Project | 01/2022 – 01/2023

- *A Review on Restaurant Recommender Systems:* Designed and developed a Chroma plugin. Developed a hybrid model using BERT, Sentiment Analysis, and LSTM. Developed a Python API.

Food Point | 2019 – 2020

- A recommendation system where users enter ingredients and the model suggests recipes. This was a 2nd-year group research project using the "Discover Algo" model.

TECHNICAL SKILLS

- **Proficient** : Python, GraphQL, MySQL, Golang
- **Familiar** : HTML/CSS, React, PHP, MySQL, Java, C++, PLSQL
- **Tools** : GitHub, AWS, Figma, Azure, Jira

COMPETITIONS

- **Cutting Edge 2018:** Awarded by Informatics Institute of Technology.
- **Google Hash Code 2017:** Participant in the global competition hosted by Google.
- **Programming & Maths:** Conducted by TISC, University of Westminster.

LANGUAGES

- **English:** Proficient
- **Sinhala:** Intermediate