

SHEHAN ROSHAN JAMAL

Software Engineer

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SUMMARY

I am a motivated young developer with a passion for software development. I am a fast learner and is great at working under pressure. Likewise, I work great in teams as I have great communication skills. Furthermore, I am person who enjoys challenges and loves working with puzzles. Other than puzzles I also enjoy writing books even though it is with the help of AI.

EXPERIENCE

Software Engineer

IFS

📅 08/2022 - Present 📍 Sri Lanka

- Worked with several customers in Poland, Netherlands and America.
- Worked in different areas of development from handling PSO, Dialogs, Assistant, etc.
- Worked in different version of IFS application(App09, App10, Cloud 22R1, Cloud 23R2, Cloud 24R1, etc.).
- Created new reports, edited current XML files to include new fields and functionalities.
- 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 one customer.
- Handle different kinds of customization from creating new pages and making new functionalities suited to customers.
- 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.

Intern

Agile Financials

📅 08/2020 - 06/2021 📍 Sri Lanka

- A web app which is currently in its starting phase where the user can invest in stocks and more.
- 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.

PROJECTS

Emotion Analyzer for Articles

📅 2021 - 2022 📍 Sri Lanka

A research project for our final year.

- Designed and developed chrome plugin
- Developed hybrid model using BERT (Sentiment Analysis) and LSTM (Affective Computing)
- Developed python API

Food Point

📅 2019 - 2020 📍 Sri Lanka

A recommendation system where a user can enter ingredients and a model will process and show what the best recipes a user can use to cook using the ingredients given.

- This was group research project for our 2nd year.
- We used algorithms to create a model, using different parameters such as ratings and comments we showed the best recipes the user can use.
- What was a successful outcome of your work? (e.g. Raised \$3,000 for the charity)

Pet Buddy

📅 2017 - 2018 📍 Sri Lanka

A small website presented at Cutting Edge where users can use the website to buy pet supplies or adopt and put pets for adoption.

- After presenting this at Cutting Edge we got an investor interested in our project but due time constraints we could not follow through with it.

PUBLICATIONS

A Literature Review on Recommendation Systems

2020 IEEE International Conference for Innovation and Technology (INOCN)

Shehan Jamal/Shevon Perera/ Vishma Akash/ Manul Pallege/ Kushan Bhareti

📅 2020

🌐 <https://ieeexplore.ieee.org/document/9298450>

A review on different kinds of algorithms used in recommendation systems

CERTIFICATION

Bachelor of Engineering(Software Engineering with Industrial Placement First Class Honours)

Issued by University of Westminster on July 7th 2022

Foundation Certificate of Higher Certificate

Issued by Informatics Institute of Technology

Cutting Edge - Project (First Place)

Issued by Informatics Institute of technology on 06/2018

Cutting Edge - Creativity (First Place)

Issued by Informatics Institute of technology on 06/2018

Ordinary Level - Science Stream

Issued By Adventist International School

IGCSE Certification Of Leadership

Issued by Adventist international School

TECHNICAL SKILLS

Programming Languages

GoLang

Python

HTML/CSS

React

PHP

NodeJs

Java

C#

Database Languages

PLSQL

MYSQL

Tools

Github

AWS

Figma

Frameworks

GraphQL

React Native

SOFT SKILLS

Fast Learner

Ability to Handle Large Pressure

Communication Skills

Time and Project Management Skills

Presentation Skills

REFERENCES

Abdul Hakeem

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EDUCATION

B.Eng.(Hons) Software Engineering

University of Westminster

08/2022 Sri Lanka

Foundation Certificate of Higher Studies

Informatics Institute of Technology

09/2017 - 09/2018 Sri Lanka

IGCSE Ordinary Level

Adventist International School

01/2009 - 08/2017 Sri Lanka

COMPETITIONS

Cutting Edge IIT

An event hosted by Informatics Institute of technology which invites experts in the industry to evaluate our projects.

Google Hash Code 2020

Competition Done by google

Programming & Math's Hackathon by UOW

Mathematics and logic based competition done by University of Westminster

PASSIONS

★ Puzzles

Passionate about solving puzzles and answering logic related questions.

♥ Football

Have fun playing and watching football

📖 Reader

Passionate about reading huge fiction books such as Chinese light novels

LANGUAGES

English

Proficient



Sinhala

Intermediate

