

Rashini Gamalath

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EXPERIENCES

Software Engineering Trainee | WSO2 – Colombo, Sri Lanka

Jan 2023 – Jul 2023

- Modified the Consent Manager Portal for the Accelerator and extended its capabilities to support the UK Toolkit: ReactJS
- Implemented the Confirmation of Funds History feature for the Consent Management Portal in the UK Toolkit: ReactJS, Java, Siddhi
- Implemented web application that supports Grama-Niladhari to check the gramasewa certificates: ReactJS

EDUCATION

University of Moratuwa, Sri Lanka

Jan 2020 – Present

B.Sc. (Hons) in Information Technology

Current GPA: 3.78

COURSEWORK

- Courses:** Natural Language Processing, Artificial Intelligence, Logic Programming & Artificial Cognitive Systems, Data Structures & Algorithms, Advanced Database Management Systems, Bioinformatics, Computer Networks, Digital Image Processing, Operational Research, IT Quality Assurance, Cluster Computing, Enterprise Application Development, High Performance Computing, Data Mining & Data Warehousing, Supply Chain Management, Web Development & Mobile App Development, Multimedia Technologies, Calculus & Statistical Distributions, Object Oriented Analysis and Design, Object- Oriented Programming,
- Awards:** Dean's Honor List (1,3,6 Semesters)

Devi Balika Vidyalaya, Colombo 08

Jan 2016 - Dec 2018

GCE Advanced Level - Physical Science stream

Z Score - 1.612

- Results: Chemistry A, Combined Mathematics B, Physics

Devi Balika Vidyalaya, Colombo 08

Jan 2011 - Dec 2016

GCE Ordinary Level

9 A's

Institute of Software Engineering, Panadura

Jan 2019 - Jan 2020

Comprehensive Master Java Developer (CMJD)

PROJECTS

Storytelling Application for the Deaf Children Using Sri Lankan Sign Language | GitHub

Aug 2023 – Jul 2024

- The project introduces a storytelling app using Sri Lankan sign language to assist deaf children with communication and literacy needs, utilizing NLP and computer vision technologies.
- Technologies: Python

GramaCheck | GitHub

May 2023 – May 2023

- GramaCheck, a web-based platform, simplifies the Grama Certification process by integrating advanced technology and user-friendly design, improving efficiency for both applicants and Grama Niladhari.
- Technologies: ReactJS

Road Traffic Accidents Data Analysis | GitHub

Jan 2024 – Jan 2024

- The project involves analyzing road traffic accident data to identify patterns and distribution, providing data-driven recommendations for improved road safety through specific sub-projects and collaboration.
- Technologies: Python

- DY Tracker is a software system having a web application and a mobile application that is developed to provide a solution for the problem of lack of connectivity with the target customer base of the dynamic sellers.
- Technologies: ReactJS, React-Native, NodeJS, MariaDB, ExpressJS

- The project aims to design a low-cost, high-accuracy automated device for drawing circuits and cleaning large whiteboards, using G code stored on a micro-SD card.
- Technologies: C Language

SKILLS

- | | |
|---------------------------|---|
| • Programming Languages | JAVA, Python, C, JavaScript, PHP |
| • Web Development | ReactJS, NodeJS, HTML, CSS, CodeIgniter |
| • Mobile App Development | React-Native |
| • Database | MySQL, MSSQL, MariaDB |
| • Project Management Tool | Jira |
| • IDEs | Visual Studio Code, IntelliJ |
| • Version Controlling | Git |
| • Other | Figma, Atmel Studio, Proteus 8 Professional |

CERTIFICATES & ACHIEVEMENTS

FIT CODE RUSH | Participant

2020

Intra-Faculty coding competition organized by INTECS, Faculty of IT, University of Moratuwa. Participant

Hack Moral 4.0 | Mini Hackathon | Participant

2022

Organized by INTECS, Faculty of Information Technology, University of Moratuwa. Participant

MoraXtreme 6.0 | Hackathon | Participant

2022

Organized by Computer Society, IEEE Student Branch, University of Moratuwa Participant

Road to CodeMania'21: Algorithmic Coding Challenge | Participant

2021

Organized by IEEE Computer Society Student Branch Chapter of SLTC. Participant

EXTRACURRICULAR ACTIVITIES

Main batch representative

2022-2023

Faculty of IT

Annual Inter-House Sports meet | Karate-Kumite

Devi Balika Vidyalaya, Colombo 08

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| • Under 15 age group – 2 nd Place | 2011 |
| • Under 15 age group – 1 st Place | 2012 |
| • Under 17 age group – 3 rd Place | 2013 |
| • Under 17 age group – 2 nd Place | 2014 |

Annual Prize Giving | Dancing | Silver Medalist

2012

Devi Balika Vidyalaya, Colombo 08

VOLUNTEERING EXPERIENCE

Rotaract Club of University of Moratuwa

- Manusath Handa - The voice of humanity 2020
- "ARE YOU READY? 2020" the official career fair | Company Coordinator
- NENA ARUNA 2020/2021

REFERENCES

Mrs. Ashirwada Dayarathne

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WSO2 Lanka Pvt Ltd,
No.105,
Buddhaloka Mawatha,
Colombo 04

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