

CHATHURANGI

JAYAWARDANA

SOFTWARE ENGINEER



ABOUT ME

A responsible, hardworking, dedicated undergraduate who is willing to accept challenges and wish to explore new technologies in the field of Information Technology and seeking for an opportunity in the field of Software Engineering.



CONTACT ME



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No.233/A, "Srimali", Midigama, Ahangama.



EDUCATION

UNIVERSITY OF MORATUWA - FACULTY OF INFORMATION TECHNOLOGY

Reading for B.Sc. (Hons) Degree in Information Technology at University of Moratuwa (2016 - 2020)

MR / SUJATHA VIDYALAYA - MATARA

G.C.E. Advanced Level - Physical Science Stream (2015)

Results: Chemistry- A Combined Mathematics- B Physics- B

Z-score: 1.6746

G.C.E. Ordinary Level (2010)

Results: 9 A's



PROJECTS

AUTOMATED GRADING SYSTEM TO ANALYZE ENGLISH STRUCTURED TYPE QUESTIONS

(Level 4 Research Project) – 2020

An automated grading system to analyze the answers of English structured type questions of grade 9-11 students and issue marks and generate the feedback on the correctness level of the student's answer according to the marking scheme.

Technologies: **Image Processing, NLP, Python, MongoDB**

TRAVELPRO – FLIGHT AND HOTEL BOOKING SYSTEM

(Internship Project) - 2019 Aug – 2019 Dec

TravelPro is a web application that facilitates consolidators and travel agencies to operate effectively and efficiently in the travel industry. This system helps consolidators/agencies to manage flight, hotel and package bookings.

Technologies: **ADO.NET MVC, JQuery, Ajax, MSSQL**

HUTCH ISMS - TELECOMMUNICATION INFRASTRUCTURE SHARING MANAGEMENT SYSTEM

(Internship Project) – 2019 Dec – 2020 Feb

Hutch ISMS have a centralize system to keep tower infrastructure information which automated workflow system for Hutch tower sharing operations. Tenants can log from TISMS application and request for sites.

Technologies: **C#, ASP.NET Web Forms, Oracle**

CHANNELING CENTER MANAGEMENT SYSTEM

(Level 2 – Industry Based Project) - 2018

A web based system for centralization of private channeling centers. Both web application and mobile application is used in this project. Medical centers are registered in web application and the mobile application is used by the doctors visiting to the medical centers to view patient information.

Technologies: **ASP.NET MVC, MYSQL**

WATER QUALITY MEASURING DEVICE - 2019

Microcontroller based project is used to measure water quality by using pH, turbidity and temperature values.

Technologies: **C, Atmega 32A, Sensor Modules**

INDEPENDENT RESEARCH ON REAL-TIME BIDDING ONLINE ADVERTISING (Level 3 – Independent Study) - 2019

A critical evaluation and a literature review on existing methodologies for real time bidding in online advertising.



TECHNICAL SKILLS

Programming languages: Java, C, C#, Python

Web Development: ASP.NET MVC, ADO.NET, ASP.NET Web Forms, HTML, JavaScript, CSS, JQuery, PHP

Databases: MYSQL, MSSQL

Version Control Systems: GIT

IDE: Visual Studio, NetBeans, Eclipse, PyCharm

Others: Wondershare Filmora, Cisco Packet Tracer, Blender, WEKA, Protégé-OWL, NLTK, OpenCV

Related Course Works: NLP, AI, Semantic Web, Data mining, Image Processing, Enterprise Application Development



NON-TECHNICAL SKILLS

- Team work
- Leadership
- Quick Learner
- Time Management



INTERESTS

- Web Development
- Blog Writing
- Mathematics
- Dancing



REFEREES

Mr. S.C. Premaratne

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Department of Information Technology,
Faculty of Information Technology,
University of Moratuwa.
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Mr. Sathya Ganepola

COO/Software Architect,
Infosoft Lanka (Pvt.) Ltd,
Level 3C, Valliant Towers,
Nawam Mawatha, Colombo 02.
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QUICK FOODIE – FOOD ORDERING APP

(Individual Project) – 2020

A simple web application which can be used to manage food in a restaurant. Customers can login to system externally and order food and pay online.

Technologies: **ASP.NET Web Forms, MSSQL**

AUTOMATED PADDY SPREADING UNIT

(Level 1 – Hardware Project) – 2017

A microcontroller based hardware system with an automated paddy spreading unit develop using microcontroller which is capable of carrying and spreading paddy seeds.

Technologies: **C, Atmega 32A**



WORK EXPERIENCE

Trainee Software Engineer - Infosoft Lanka (Pvt.) Ltd

(2019 August – 2020 February)

Trainee Staff Assistant - People's bank, Koggala Branch, Galle

(2016 January – 2016 October)



ACHIEVEMENTS

- Placed among the top 30 teams Mora Xtreme 3.0 Coding Competition - 2018
- Participated in Hack Moral v1.0 Coding competition - 2018
- Participated in Fit Code Rush Coding Competition - 2018
- Participated in Fit Code Rush Coding Competition - 2020



CERTIFICATIONS

- Successfully completed SCRUM Foundation Professional Certificate
- Achieved Gold badges and Certificates for Java, C, Problem Solving and SQL in HackerRank - [HackerRank Profile](#)
- Followed Python3, C, C#, C++, Java, HTML, PHP and JQuery certification courses in SoloLearn – [SoloLearn Profile](#)
- Completed certification courses which specialization for web development in Udemy
- Completed Data Science based certification courses in Analytics Vidhya



OTHER EXPERIENCES

- Followed six month Java Programming Language Course at Dekma Institute, Matara – 2016 Jan -2016 Jun
- Company coordinator in Fit Future Careers Official Career Fair, Faculty of Information Technology, University of Moratuwa - 2018
- Open Source Contributor for the Hacktoberfest - 2018 & 2019
- Active Blogger: <https://chathurangijayawardana.blogspot.com/> and medium.com
- Passed the Basic English Language Course with 4 Distinction Passes for Reading, Listening, Speaking & Writing at B-HOOD English Institute, Matara - 2014
- Passed the Basic Tamil Language Course with a Distinction pass at Dakuna Educational Institute, Matara - 2014
- Member of the Senior Prefect board in School and Member of the Senior Prefect board in Dhamma School - 2009 & 2010