

Samitha Peruma Vidhanaarachchi

An enthusiastic individual committed to learning, developing skills and team contribution; self-directed and energetic with better performance in both autonomous or collaborative environments. I am currently looking for an opportunity to provide the utmost commitment to betterment of the organization.

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- in linkedin.com/in/samitha-vidhana-arachchi/
- https://samitha-vidhanaarachchi.netlify.app/
- 🌎 github.com/Samitha-Vidhanaarachchi

WORK EXPERIENCE

Trainee Software Developer

IFS R&D |1, Orion Towers, 752, Dr. Dannister De Silva Mawatha, Colombo 9

11/2019 - 05/2020

- Areas Involved: Web Client Developments
- Tasks Involved: Technical Investigations, Validation Testing, Bug Fixing, Agile Methodologies
- Technologies used: Java, C#, Oracle PL/SQL
- Tools used: IFS developer studio, IFS solution developer, IFS report designer, PL/SQL developer, Harvest, Git

ACADEMIC QUALIFICATIONS

B.Sc.(Hons)in Information Technology specializing in Software Engineering (First Class)

Sri Lanka Institute of Information Technology (SLIIT) 11/2017 - Present

• Weighted GPA: 3.82 out of 4.00

G.C.E Advanced Level (2016)

St. Joseph Vaz College | Wennappuwa 01/2006 - 12/2016

- Stream: Biological Science stream
- Medium: English Medium
- Results: Biology S, Chemistry C, Physics C, English A

CERTIFICATES

Diploma in Information Technology with Distinction

Wayamba University of Sri Lanka 11/2016- 11/2017

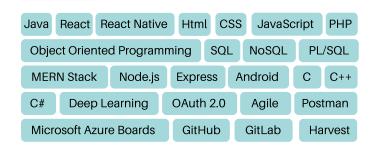
Diploma in English with Credit

Aquinas College of Higher Studies Sri Lanka 10/2017- 10/2018

Certificate course in Java Programming

Sri Lanka Institute of Information Technology 11/2018-02/2019

TECHNICAL SKILLS



PROJECTS

Smart Surveillance System for Coconut Disease and Pest Infestation Identification

- Collaborated with Coconut Research Institute of Sri Lanka.
- Technologies: ReactJs, NodeJs, Express, Python, MongoDB, Firebase, React Native, AwsEc2, Flask, Deep learning

Manage Google Drive files

- A web-based application to manage files in google drive
- Technologies: ReactJs, NodeJs, ExpressJs, OAuth 2.0

Time Table Management System

- Desktop application to manage timetables
- Technologies: Java, JavaFx, JDBC, MySQL

Fire Alarm Monitoring System

- Web application to view the status of fire alarm sensors
- Technologies: ReactJs, Spring Boot, MySQL, RMI, Java Swing

Online Shopping Cart System for Fashion Store

- E-commerce platform for a fashion store
- Technologies: ReactJs, NodeJs, ExpressJs, Spring Boot, MongoDB, Java

Ticketing System for Public Transportation

- Mobile application to manage public transportation
- Technologies: React Native, Spring Boot, MySQL, AWS

Official Website for Malpiyali Publishers

- Website to sell and manage books at Malpiyali Publishers
- Technologies: Html, CSS, JavaScript, Java Servlet, MySQL

Video Sharing Platform

- Web-based, self-learning online video sharing platform
- Technologies: ReactJs, NodeJs, ExpressJs, MongoDB

PUBLICATIONS

 Vidhanaarachchi S. P., Akalanka P.K.G. C., Gunasekara R.P.T.I., Rajapaksha H.M.U.D., Aratchige N.S., Lunugalage Dilani, and Wijekoon Janaka L. Deep Learning-Based Surveillance System for Coconut Disease and Pest Infestation Identification. Paper presented at the TENCON 2021 - 2021 IEEE Region 10 Conference, 07/12/2021, Auckland, New Zealand

SOFT SKILLS

LeadershipTeam WorkFlexibilitySelf-LearningPressure HandlingProblem SolvingInnovativeCreative

ACHIVEMENTS

- Finalist (winner's circle) in National ICT Awards (NBQSA 2021) under the tertiary level of the technological category 10/2021
- Finalist in national contest e-Swabhimani under the Business and Commerce category 09/2021
- Selected as the National Nominee to the World Summit Awards (WSA) in the environment and green energy category through the National contest e-Swabhimani. 09/2021
- Shortlisted for the final round in World Summit Awards (WSA) in the environment and green energy category.
 12/2021
- Shortlisted for the final round in WSA Young Innovators 2021 in the environment and green energy category out of 377 applicants from over 85 different countries. 12/2021
- Represented the university at National ICT Awards (NBQSA 2021) under the most innovative solutions addressing national disasters.

08/2021

 Shortlisted as one of the top 25 out of 252 final year research projects at Sri Lanka Institute of Information Technology (SLIIT).

07/2021

- Merit award for the Algothon workshop organized by SLIIT. 06/2020 - 12/2020
- Dean's list awards for the third year first semester and fourth year second semester at SLIIT.
 - -3rd-year 1st semester GPA: 3.85 out of 4.00 -4th-year 2nd semester GPA: 4.00 out of 4.00

EXTRA CURRICULAR ACTIVITIES

- Certificate of merit at Science Research Projects Competition, awarded by the National Science Foundation of Sri Lanka.
 2011
- All island graded examinations (in Music), up to grade two passed with Honours. Institute of Western Music and Speech, Sri Lanka.

2006 - 2011

 Member of Leo Club, Sri Lanka Institute of Information Technology (SLIIT) - District 306 C1.

01/2020 - Present

 Member of the senior basketball team at St. Joseph Vaz College.

01/2008 - 12/2010

 Member of the senior badminton team at St.Joseph Vaz College.

03/2011 - 12/2012

- Member of the school media unit at St. Joseph Vaz College. 03/2011 - 12/2012
- Certificate for best class monitor at Joseph Vaz College. 11/2014
- Junior Prefect at Jennings International School. 01/2005 - 01/2006
- Learned Karate in Japan. (Junior Brown Belt) 2002 - 2004

LANGUAGES

EnglishSinhalaJapanese

NON-RELATED REFERENCES

1) Dr. Janaka Wijekoon

Head | Department of Computer Systems Engineering, Dept. of CSE, Faculty of Computing

Sri Lanka Institute of Information Technology (SLIIT)

Sri Lanka Institute of Information Technology (SLIIT)
Malabe

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2) Prof. B.T.G Samantha Kumara

Head | Department of Computing and Information Systems Sabaragamuwa University of Sri Lanka Belihuloya

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