



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.

✉ samithavidhanaarachchi@gmail.com

📍 286/7/11, Chilaw Road, Daluwakotuwa, Kochchikade

📞 (+94) 776 355 192

🌐 [linkedin.com/in/samitha-vidhana-arachchi/](https://samitha-vidhanaarachchi.netlify.app/)

🌐 <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

Java	React	React Native	Html	CSS	JavaScript	PHP
Object Oriented Programming			SQL	NoSQL	PL/SQL	
MERN Stack		Node.js	Express	Android	C	C++
C#	Deep Learning		OAuth 2.0		Agile	Postman
Microsoft Azure Boards			GitHub	GitLab	Harvest	

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

Leadership

Team Work

Flexibility

Self-Learning

Pressure Handling

Problem Solving

Innovative

Creative

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

- English ● ● ● ● ● ● ● ●
- Sinhala ● ● ● ● ● ● ● ●
- Japanese ● ● ● ● ● ● ● ●

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)
Malabe
E-mail: janaka.w@slit.lk
Phone: (+94) 715 879 546

2) Prof. B.T.G Samantha Kumara

Head | Department of Computing and Information Systems
Sabaragamuwa University of Sri Lanka
Belihuloya
E-mail: kumara@appsc.sab.ac.lk
Phone: (+94) 714 431 192