

# Siduja Perera

## Software Engineer Graduate

### About Me

I have a passion for analyzing and solving complex problems. I am committed to staying up-to-date with the latest developments in the software industry, and I am always eager to learn new skills and technologies to improve my abilities. Moreover, I am fervently seeking an environment where I can immerse myself in gaining invaluable industry experience, leveraging every opportunity to learn and grow.

### Personal Profile

Religion	Christian
Date of Birth	02 November 2002
Age	21 Years
Gender	Male
Marital Status	Single
Nationality	Sri Lankan

### Contact

#### Address

No 3, kadurudoowa road, Gorakana, Panadura.

#### Email

sidujaperera22@gmail.com


#### Phone


+94 76 913 8652

### Non -Related References

**Rev. Dushantha Lakshman Rodrigo**

Bishop of Colombo

 +94 - 71 - 846 - 01111

 Cathedral of Christ the Living Saviour, Colombo 07.

### Education

- Certified MERN Full-stack Developer | Udemy (Ongoing) | Expected Completion: 2024
- BSC ( HONS ) Software Engineering | Staffordshire University ( APIIT ) | 2019 - 2023
- Certified Quality Assurance Engineer | Udemy | 2024
- Diploma in IT | SFS Academy | 2018 - 2019
- Foundation Programme for Business & Computing | APIIT | 2019
- Educated at S. Thomas College Mount Lavinia | 2018 - 2019
- Educated at S. Thomas Preparatory School | 2009 - 2018
- Educated at Sri Lankan School Muscat - Oman | 2007 - 2009

### Project Experience

#### FutureSeekers.lk Web Application

University 1st Year - 2020 / 21

- A job portal for job seekers and employers was developed using HTML, PHP, SQL, and JS. The implementation was carried out using PHP based on the AGILE methodology, and infrastructure upgrades were suggested for a specific company. The project was completed in three sprints, each of which lasted one month.

#### LookOutEye Mobile Application

University 1st Year - 2020 / 21

- Developed a user-friendly mobile emergency application facilitating swift access to local emergency services, ensuring prompt assistance during critical situations.

#### Optimizing Software Quality

University 3rd Year - 2022 / 23

- Designed and implemented a multi-user, multi-tier client-server application using JAVA to enhance communication and collaboration in distributed environments. The application facilitates real-time sharing of resources and data across multiple clients while managing concurrency efficiently to prevent conflicts and ensure data consistency."

#### Designed, Implementing a Cloud-Based Infrastructure Solution.

University 3rd Year - 2022 / 23


- Developed and Deployed a cloud-based infrastructure solutions utilizing AWS services like S3, Lambda, RDS, SNS, DynamoDB, IAM, API Gateway, and Cloud9. Through collaboration with cross-functional teams, I comprehensively understood project requirements to deliver scalable and efficient cloud solutions. My focus on thorough testing and quality assurance ensures the reliability and high performance of cloud-based applications and infrastructure.


## Non -Related References

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**Mr. Sanjeewa De Mel**  
( Coordinator )

Social work unit

 +94 - 77 - 382 0525

 St. Thomas College, Mount  
Lavinia

## Objective

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To utilize my skills and knowledge in contributing effectively to the objectives of a prestigious organization, advancing both its goals and my professional trajectory while ensuring the satisfaction of my superiors.

## Soft Skills

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**Fast Learner**

**Team Work**

**Collaboration**

**Time Management**

**Emotional intelligence**

## Designing and Implementing a Database Solution

University 2nd Year - 2020 / 21

- Developed a C++ based database system to effectively track regular patient visits and admissions, providing detailed records of check-ups and surgical procedures conducted by attending physicians

## Final Year Project

University 3rd Year - 2022 / 23

- Conducted comprehensive research and spearheaded the development of a machine learning software tailored for pneumonia detection in X-ray scans. Acquired proficiency in Jupyter for exploratory data analysis, model creation, and training methodologies, alongside leveraging MATLAB software for advanced analysis and algorithm development.

## Skills

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- Web Development ( HTML5, CSS3, JavaScript, Java, C++ )
- Project Management ( AGILE Methodology, WaterFall Methodology)
- Object Oriented Programming
- Experience in AWS services such as S3, Lambda, RDS, SNS, DynamoDB, IAM, API Gateway, and Cloud9, enabling me to proficiently design, deploy, and manage cloud-based solutions.
- Proficient in a range of testing methodologies including manual, automation, regression, exploratory testing, with expertise in utilizing Selenium WebDriver (NUnit Framework) and Postman for back-end testing.
- Strong analytical and problem-solving skills.
- Excellent attention to detail.
- Commitment to delivering high-quality work.
- Good communication and teamwork skills.
- Proficient in Canva and Microsoft Office Suite.

## Declaration

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I hereby confirm that the information provided by me above is truthful and accurate to the best of my knowledge. I eagerly anticipate the chance to introduce myself and showcase my abilities at your esteemed organization.