Seshenya Weerasinghe

Get in Touch

📞 +94 71 385 1211

✉ seshenya@gmail.com

in linkedin.com/in/ seshenya-weerasinghe

🏠 497/1, Kudabollatha, Ganemulla, Sri Lanka

About Me

Born - 02/02/1995
Age - 27
Nationality - Sri Lankan

Languages:

English (IELTS 8.0)
Sinhala - *native*
German A1 *(course ongoing since Aug 2022 at Goethe-Institute Sri Lanka)*

PERSONAL STATEMENT

An enthusiastic individual who loves to face challenges and overcome them. A good team player who supports a team to reach the expected goals. A person with an attitude of learning from each experience and has the motive to expand the skills and knowledge.

🎓 Education

- Graduate, Department of Electrical Engineering, University of Moratuwa
  Cumulative GPA : 3.47(Semester 7,8 - Dean's List)
- G.C.E Advanced Level (2014) - Visakha Vidyalaya, Colombo.
  Physics A | Chemistry A | Combined Mathematics A
- G.C.E. Ordinary Level (2009) - Visakha Vidyalaya, Colombo with 9 As

👔 Professional Profile

- Software Engineer at :Different Technologies (Pvt) Ltd (Oct 2021 to present)
- Software Engineer at X.O Concepts (Pvt) Ltd (Sep 2020 - July 2021)
- Comprehensive Master Java Developer Course (From April 2021)
- Trainee at Noratel International (Pvt) Ltd (Jun 2018 – Sep 2018)
- Trainee at Ceylon Electricity Board (Sep 2018 – Dec 2018)
- Trainee at Lanka Electricity Company (Sep 2018 – Dec 2018)
- CCNA Routing and Switching Course
  Parallel to the university degree successfully completed the first phase of CCNA(Cisco Certified Network Associate) Routing and Switching course.

💡 Technical Projects & Experience

1) Different - Property management website (Oct 2021 - Oct 2022)

A platform to digitally manage properties. Few support systems used with the main website provide the capability of managing leases, maintaining the property and finding suitable tenants for a property.
Technologies: React, Redux, Node.js, Express, GraphQL, MongoDB, MySQL, CICD Jenkins, Jest

2) Aurigaa (Feb 2021 - Sep 2021)

A custom dashboard which provides the ability for a user to create custom dashboards by dragging and dropping components. When the configuration for the datasource is set, a user can select which components he needs and the layout for the components.
Technologies : React.js,Ant Design, Apex charts, Apache charts

3) Email Management System (March 2021 - April 2021)

An email management system to send emails within a scheduled time period through sendGrid. This system is capable of notifying the deliverability of the emails and giving the ability to delete scheduled emails. This rest api back-end service uses an in-memory database and also includes api testing.
Technologies : Node.js, SQlite , sendGrid, supertest

4) Lakvijaya Powerplant - Report System (May 2021 - June 2021)

A platform to create different types of reports based on parameters given by a user. This can download reports of any file type, on any given time range.
Technologies : React.js, Ant Design

5) Morex Lanka (Sep 2020 - Feb 2021)

A platform for a resin manufacturing company to track the process, inventory management and visualize the information derived from the tracked data. It also visualizes the data recieved from sensors on real time basis.
Technologies : PHP, Go

6) Stretchline (Sep 2020 - July 2021)

A platform to visualize real time data tracked and returned for the servers from a apparel manufacturing company.
Technologies :Vue.js

7) Wind Power Station Monitoring Platform (July 2020 - August 2020)
A dashboard system for a wind power station was implemented to display the real time wind direction, wind speed and the rainfall in particular areas.
Technologies: Angular 9, Node.js, Express.js, Javascript, HTML, CSS, MySQL

8) Library Dashboard System (March 2020 - May 2020)
A simple dashboard system for a library that enables operations such as CRUD, searching, and filtering of books by name and author. A self-taught project.
Technologies: Node.js, JavaScript, HTML, CSS, Express.js, MongoDB

9) Improved MPPT Solar Charge Controller | Final Year Project (2019 - Feb- 2020)
Improved Fuzzy logic based algorithm for Maximum Power Point(MPP) tracking to achieve faster tracking, accurate convergence and a stabilized operation at the MPP. Implemented a dashboard to display the dynamic changes of output parameters. Data was fetched from a firebase database which constantly updates through the main Arduino.
Technologies: Angular, JavaScript, Firebase, Arduino, HTML, CSS, MATLAB

10) Remaining time indicator for a battery bank (Jan 2017 - April 2017)
Worked in a 3 member team. A battery bank was developed to indicate the remaining power percentage and the time using Arduino.

11) Electricity generating footwear for charging a battery (Aug 2017 - Dec 2017)
Sole power generated in walking/running was converted into electrical power and stored in Li-ion batteries. Piezo-electric sensor was used in the project and was able to charge a Li-ion battery (3.7V) after 4 hrs of continuous running wearing the footwear.

Technologies

-MATLAB	- JavaScript	- CSS
- PSCAD	- Node.js	- MongoDB
- Arduino	- React	- Vue.js
- Packet Tracer	- Angular	- Python
	- HTML	- Visual Basic

Extra-Curricular Activities & Achievements

- **Member of the UOM Table Tennis team**
    - University Colours – University of Moratuwa Table Tennis Team (2017)
    - Champions at SLUG 2017
    - Champions at Inter University Premier Table Tennis Championship,"WAYOSPINS" (2017)
    - Champions at Invitational Open Table Tennis Championship ,"SIEG" (2017)

- **AIESEC Experience**
    - Speak Up Project –hosted by AIESEC in UNIVERSITY PUTRA MALAYSIA, Malaysia (2016)
        Participated in an 8 weeks long volunteering project to help school children in Malaysia to learn English and develop communication and leadership skills.
    - Project-Global Classroom - AIESEC in University of Moratuwa | Team Leader (2016)
    - Project – Gurugedara – AIESEC in University of Moratuwa | Team Member (2016)

- **Junior Prefect – Visakha Vidyalaya** (2010/2011)

- **Team Member Kabaddi Team – Visakha Vidyalaya** (2008-2012)
    - School Merits – Visakha Vidyalaya Kabaddi (2008, 2009)

References are available upon request

I hereby certify that the above particulars furnished by me are true and accurate for the best of my knowledge.

Seshenya Weerasinghe
Date: 13 Oct 2022