



# VISHNAKA DASANAYAKA

Electrical and Information Engineer (UG)

## PROFILE

I am a highly self-motivated, ambitious, optimistic, and hard-working person. A good leader as well as motivated team player who values knowledge, creativity, interpersonal skills, adaptability in the fields of Electrical and Information Engineering. I am looking for an opportunity to get hands on experience and empower my skills for the growth of organization.

## EDUCATION

- **Electrical and Information Engineer (UG) at the University of Ruhuna, Faculty of Engineering 2020 - present**

### Related Modules and Results

Computer Programming I (C)	A
Introduction to Electrical Engineering	B+
Computer Programming II (C++)	A
Data Structures and Algorithms	A-
Database Systems (MySQL, MongoDB)	B
GUI Programming	pending
Computer Architecture	pending
Software Project.	pending
Web Application Development	pending
Embedded System Design	pending

**SGPA - 3.1897**

- **A and 2Bs for G.C.E. (A/L) Examination 2018**
- **9As for G.C.E (O/L) Examination 2015**

## PROJECTS

- **Smart Teaching and Learning Management System** - A full-functioning website for teachers and students. This is a group project, still ongoing and developing with an agile system. I am acting as the project manager and Front-end developer. MERN stack is used. Tailwind CSS is used for the stylings.
- **Commercial Website for Optical Shop** - Individual project and ongoing. the client's requirement is a full-functioning website for his business. This is a commercial website and as technologies MERN stack is used.
- **Travel Assistant website** - Individual project and ongoing using MERN stack. Here my concern is to develop a travel guide website for local and foreign travelers such that they can easily find their requirements such as destinations and accommodations.

## CONTACTS



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<https://github.com/vishnaka-dasanayaka>



<https://www.linkedin.com/in/vishnaka-dasanayaka-358a16211/>

## LANGUAGES

- Sinhala - Native
- English - Fluent

## TECHNICAL SKILLS

### Web Development

- HTML
- CSS (Bootstrap, Tailwind-CSS)
- JavaScript, JQuery
- React (MERN stack)

### Database Management

- MongoDB
- MySQL

### Programming

- C
- C++
- Python

## SOFT SKILLS

- Communication Skills
- Leadership Skills
- Team Working
- Time Management

## INTERESTS

- Full-stack web development
- Cyber Security
- Competitive Programming

## WORKING EXPERIENCE

- Frontend Developer on Fiverr
- Trainee (Assistant Business Promotion Officer) - Peoples Bank - 2019

## REFEREES

Dr. G. G. N. Sandamali  
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- **RFID Door Lock System** - This is a group project and our concern is to develop a door lock system using RFID. We use Atmega 2560 microcontroller for the project. The project is done using C language.
- **Dynamic Radar Sensor** - Dynamic Radar sensor was developed as a group project using a K-LD2 radar transceiver. The software part was done by me. Python and Arduino were used.
- **POS System** - A POS system for a mini business was developed using Data structures and Algorithms with C++. CLI is used to visualise data.

## EXTRA CURRICULAR ACTIVITIES

- Captain - University Tennis Team (present)
- Treasurer - PES, IEEE Student Chapter (present)
- Divisional Manager - SEDS (present)
- Student Member of IESL
- Captain - Faculty Tennis Team (2022)
- Committee member of the college Science Society (2018)
- Secretary of the college History Club (2015)

## PARTICIPATIONS AND ACHIEVEMENTS

- **2023 - Participation** - As the captain of the university tennis team in SLUG (Sri Lanka University Games -2023)
- **2023 - Participation** - Eminence 3.0 competition organised by IEEE Student Branch, Ruhuna chapter
- **2022 - Championship in Tennis** - Inter-faculty sports meet, University of Ruhuna.
- **2022 - Participation** - Deuce Cup Tennis Tournament Organised by the University of Colombo
- **2022 - Participation** - Inter-University Sports meet (Tennis Team)
- **2021 - Certificate course in PLC programming**- Web Sayura Academy by Eng. Buddhika Weerasekara
- **2018 - Participation** in the Olympiad Chemistry Quiz

## DECLARATION

I hereby declare that all the information I have included is correct to the best of my knowledge.



Dasanayaka S.V