



# BHATHIYA KARIYAWASAM

SOFTWARE ENGINEER INTERNSHIP

## ABOUT

I'm a self motivated smart working guy who loves to work with latest technologies. I always think out of the box and very interest to learn new concepts, technologies for update my knowledge without staying same old things. I hope to give my best for the place where I work and also I'm a good communicator. I'm a good team player for work as part of a team and a good single player for work as an individual. I always looking for sharpen my knowledge and skills and move forward and deliver my best.

153/D, Horana Road,  
Alubomulla, Panadura.

21st July 1994

## CONTACTS

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<https://www.linkedin.com/in/bhathiyatk/>

<https://twitter.com/Bhathiy73916199>

<https://github.com/BhathiyaTK>

## LANGUAGES

English  
Sinhala

## EDUCATION

### SABARAGAMUWA UNIVERSITY OF SRI LANKA(SUSL)

- Bachelor of Science (Special) in Information Systems (May 2017 - Present)

### ESOFT METRO CAMPUS, COLOMBO

- Oracle Certified Associated Java Programmer SE8 (Sep 2017 - Dec 2017)

### SRI SUMANGALA COLLEGE, PANADURA

- G.C.E(Advanced Level) Examination - 2015  
1B & 2Cs (in Mathematics Stream)
- G.C.E(Ordinary Level) Examination - 2010  
6As (including Mathematics, Science & English), 1B, 1C & 1S

## PROJECTS

### IEEE SYW Congress 2019 Website

*Individual Project | Full-Stack Developer | Aug 2019 - Nov 2019*

- This is the official website for IEEE SYW Congress 2019 which developed to register the delegates and give useful information about the congress.
- **Technologies Used : HTML5, CSS3, JQuery, AJAX, PHP, MySQL & Bootstrap**  
( <https://sywc.ieee.lk/> ) ( <https://github.com/BhathiyaTK/ieeesywc2019> )

### Young Elephant Identification Key Website

*Individual Project | Full-Stack Developer | April 2019 - Nov 2019*

- This is a website which includes young elephants' details and track their Geo-locations in Sri Lanka.
- **Technologies Used : HTML5, CSS3, JQuery, AJAX, PHP, MySQL, Bootstrap & Google Map API**  
( <https://yeiksl.000webhostapp.com/> )  
( <https://github.com/BhathiyaTK/elephant-identification-key-project> )

### Inventory Management System(IMS)

*Individual Project | Full-Stack Developer | Dec 2018 - April 2019*

- This web based IMS developed for Faculty of Technology, SUSL which included all features which in normal resource management system including login, dashboard & reports generate functions.
- **Technologies Used : HTML5, CSS3, JQuery, AJAX, PHP, MySQL & Bootstrap**  
( <https://github.com/BhathiyaTK/IMS-project> )

### Self-driving Car Model (On-Going)

*Group Project | AI Developer | Feb 2019 - Present*

- This is a self-driving car model which developed by using Machine Learning & Deep Learning concepts.
- **Technologies Used : Python, OpenCV, Tensorflow Lite, Numpy, Scipy, Raspberry Pi & Arduino**  
( <https://github.com/BhathiyaTK/Self-Driving-Car> )

## PROGRAMMING SKILLS

- **Programming Languages**
  - Python
  - JavaScript
  - PHP
- **Web & Machine Learning Technologies**
  - JQuery, AJAX, HTML5, CSS3, OpenCV, Numpy, Scipy
- **Database Management Systems**
  - MySQL
  - PostgreSQL
  - Firebase
- **Frameworks**
  - React.js
  - Bootstrap
  - Django
- **Other Technologies**
  - Git
- **Learning more**
  - React.js, Vue.js, Node.js, MongoDB, Microsoft Azure, Tensorflow, Docker

## INTERESTS

- Working with Artificial Intelligence stuff and give AI solutions.
- Web Design and Development.
- Tech news reading and writing.
- Traveling and Hiking.
- Drawing

## NON RELATED REFEREES

- **Dr. B.T.G. Samantha Kumara**  
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Senior Lecturer in Computer Science,  
Department of Computing & Information Systems,  
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- **Mr. Anuradha Herath**  
Lecturer,  
Department of Computing & Information Systems,  
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Sabaragamuwa University of Sri Lanka.  
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## International Conference of Sabaragamuwa University of Sri Lanka 2019 Website

Group Project | Full-Stack Developer | Sep 2019 - Nov 2019

- This is the official website developed to register the conference delegates and give useful information about the conference.
- **Technologies Used : HTML5, CSS3, JQuery, AJAX, PHP, MySQL, Bootstrap & Git**  
( <https://github.com/BhathiyaTK/ICSUSL2019-website> )

## Sustainable Education Foundation New Official Website (On-Going)

Group Project | Full-Stack Developer | Aug 2019 - Present

- This website is developing for give an ultimate browsing experience for the website visitors and provide useful information about foundation's projects and programs.
- **Technologies Used : React.js, JQuery, HTML5, CSS3, PHP, MySQL, Bootstrap, Git & Google Material Designs**  
( <https://github.com/BhathiyaTK/sef-site> )

## Code Night V3.0 Hackthon official website

Individual Project | Full-Stack Developer | Nov 2019

- This website is developed for a intra-faculty hackthon in Sabaragamuwa University of Sri Lanka to register hackthon teams and gives very important information about the hackthon.
- **Technologies Used : HTML5, CSS3, JavaScript, JQuery, PHP, Firebase**  
( <http://codenight.info/> )  
( <https://github.com/BhathiyaTK/Code-Night-V3-website> )

## Automated Lecturer Time-table Generator (On-Going)

Individual Project | Full-Stack Developer | Nov 2019 - Present

- This is a web-based automated platform that used to generate lecturers time tables for Department of Computing & Information Systems. I am doing as my university mini-project. This is using genetic algorithm to generate lecturers time tables.
- **Technologies Used : Django, Python, HTML5, CSS3, Bootstrap, JQuery, PostgreSQL**  
( <https://github.com/BhathiyaTK/Automated-Lecturers-Time-Table-Generator> )

## ACHIEVEMENTS

- Webmaster at IEEE Students/ Young Professionals/ Women in Engineering Congress 2019 in Sri Lanka.  
( <https://sywc.ieee.lk/teams.php> )
- Software Engineer at Sustainable Education Foundation.  
( <https://sefglobal.org/about/team.html> )
- Technical Writer at Global Geek Sustainable Learning Kingdom.  
( <https://ggslk.com/> )
- 3rd place winner at Code Night v3.0 2019 inter-faculty hackthon organized by Sabaragamuwa University of Sri Lanka.
- Organizing Committee member of CodeNight v3.0 hackthon 2019 and Virtual Rival 2019 Gaming Competition.
- 2nd place winner at Code Night v2.0 Algorithm Hackthon 2018.
- Member of IEEE Sri Lanka Section.
- Member of Society of Computer Sciences(SOCS) in Sabaragamuwa University of Sri Lanka.
- Open-source contributor at GitHub.