

BRAGADEESHAN SUPPUSAMY

COMPUTER ENGINEERING GRADUATE

CONTACT

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Github: [Bragadeeshan](#)

TECHNICAL SKILLS

PROGRAMMING LANGUAGES | C ,
Java, Python, MATLAB , Go

HARDWARE PROGRAMMING |
Verilog, AVR C,ARM Assembly,
Raspberry Pi

WEB/APP DEVELOPMENT |
Django, Django REST, HTML, PHP,
Dart, ReactJS, NodeJS

OTHER SOFTWARES | ADOBE
Photoshop, Premier Pro,
Lightroom, Canva

ACHEIVEMENTS

**BEST EMERGING YOUNG LEADER -
AIESEC IN KANDY**
AIESEC in University of Peradeniya

ACES CODERS V8.0 - PARTICIPATION
12-hour algorithmic coding
nationwide competition,
nationwide competition
over 150+ teams

DEEP SPEED - SEMIFINALISTS
Line following robot competition
Top 5 out of 80 teams participated.

DART - BEGINNERS COURSE
Udemy Certification.

PYTHON BOOTCAMP
Udemy Certification.

A-Z AZURE FUNDEMENTALS
Udemy Certification.

CI/CD INTRODUCTION
Udemy Certification.

ACES HACKATHON - PARTICIPATION
Selected to top 10 teams

LANGUAGES

TAMIL - NATIVE
ENGLISH -FLUENT
SINHALA - FLUENT

PROFILE

A driven computer engineering graduate eager to become a future leader. Hard-working & dedicated with a passion for continuous skill development. Confident in delivering innovative solutions to complex problems. Ready to tackle new challenges & grow professionally with your team.

EDUCATION

**BSC(HONS) IN ENGINEERING SPECIALIZING IN COMPUTER ENGINEERING -
UNIVERSITY OF PERADENIYA**
Nov 2017 - 2023 | Sri Lanka

WORK EXPERIENCE

SOFTWARE ENGINEER -WIA SYSTEMS
March 2023 - Present | Sri Lanka

SOFTWARE SUPPORT ENGINEER - SPADES
April 2022 - December 2022 | Sri Lanka

DEV-OPS ENGINEERING INTERN - ARIMAC
Jan 2022 - April 2022 | Sri Lanka

PROJECTS

SMART VENDING MACHINE

Smart vending machine controlled by a web application with real-time transaction tracking and updating in the cloud.
Technologies - Python Django, Django REST, HTML ,PHP, Proteas,
Raspberry Pi
link - <https://github.com/cepdnaIk/e16-3yp-smart-vending-machine>

ENHANCEMENT OF THE EFFICIENCY OF VEHICULAR COMMUNICATION USING SDN

Research on Vehicular communication to enhance mobility using software defined networking and improvement of SDN VANETs
link - <https://github.com/cepdnaIk/e16-4yp-Enhancement-of-Efficiency-of-Vehicular-Communication-using-SDN>

IMSHARE

Social media mockup software where you can share, post, comment pictures
Technologies - React, NodeJS ,Netify
link - <https://github.com/Bragadeeshan/imsocial>

DEEP LEARNING BASED SIDE CHANNEL ANALYSIS

Research project on side channel analysis using deep learning to prevent the information leakage through one of the side channel power leakage.
Technologies - Python, MATLAB
(Still on progress)

INTERESTS

IOT
Cloud Computing
Machine Learning
Graphic Designing
Video Production
Video Editing
Mobile application
Digital Marketing
Badminton

CLUBS & SOCIETIES

AIESEC
Gavel club
ACES
Engineering Students Union
Hindu Students Union

PERSONAL SKILLS

Critical & Analytical Thinking
Decision Making
Project Management
Growth Mindset
Innovative Thinking
Time management
Team player
Fast learner
Motivated

REFEREES

DR. DAMAYANTHI HERATH
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CAR RENTAL SYSTEM

A web application that can be used to manage rental activities.
Technologies - HTML, PHP, CSS

FUZZY BASED RECOMMENDATION SYSTEM FOR FINAL YEAR RESEARCH TOPIC SELECTION

Fuzzy logic based recommendation system using student's basic skills as a computer engineering undergraduate and the output is percentage of each research topic recommendation
Technologies - Matlab

LIVER DISEASE PREDICTION WITH MACHINE LEARNING

Liver disease prediction system using the datasets from UCI machine learning repositories.
Technologies - Python

BIDDING SYSTEM

By using this Client-Server architecture application clients can bid on whatever they like. Real-time updates will be shown on the client-side.
Technologies - Java

LEADERSHIP EXPERIENCES

LOCAL COMMITEE VICE PRESIDENT - DIGITAL EXPERIENCE
AIESEC in University of Peradeniya | 2020 | Sri Lanka

STUDENT AMBASSADOR ARIMAC (ARIMAC HEROES)
Arimac Lanka | 2020/2021 | Sri Lanka

ICOMM MANAGER - ENTITY CONTROL BOARD AUSTRIA
AIESEC in Austria | 2021 | Austria

VIDEO EDITOR - NATIONAL SHOWCASING TEAM
AIESEC in Sri Lanka |2019 | Sri Lanka

GLOBAL VOLUNTEER - POLAND
AIESEC in Poland |2019 | Poland

MODERATOR - ACES HACKATHON 2019
2019 | Sri lanka

HEAD PREFECT - HIGHLANDS COLLEGE HATTON
2016 | Sri lanka