

# MALWANAGE DHANUKA DILSAN GUNARATHNE

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61/J, Sappuwaththa, Pugoda

## Profile

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I am a loyal, trustworthy and an excellent team worker having good interpersonal skills. I am keen to obtain new skills and training and have a flexible approach to all work situations, and find it easy to adapt. I am friendly, helpful and polite person and have a good sense of humor.

## Skills

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### Languages

Java, MATLAB

### Web Technologies

HTML5, CSS

### Development Tools

NetBeans, Android Studio

### Database Systems

MySQL

### Mobile Developments

Android

## Technical Experience

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### Pizza Delivery System – 2015 (Group - member)

- Developed a web based platform to manage pizza ordering and delivery system
- Used database support to manage and query the information
- Technologies used: HTML, CSS, PHP, MySQL

### IOT Hub connected to a Cloud – 2015 (Group - member)

- Developed a IOT based system to control a light system
- Developed the front-end to communicate with back-end
- Technologies used: Raspberry pi, Wi-Fi modules, MQTT protocol

### Dream Fields – 2016 (Group - member)

- Developed a prototype of farming robot which can be controlled from remote
- Technologies used: Arduino, Java and Wi-Fi
- <https://www.youtube.com/watch?v=xAEnHeljQlg>

### **VoCe – 2016 (Group - member)**

- Developed a basic peer to peer voice conference application
- Can be support multi-party call conferencing
- Technologies used: Java audio API, UDP, UDP multi casting

### **Omi Online! – 2016 (Group - member)**

- Developed an omi (whist) web application which can play by 4 players
- Developed the Java Servlet back-end of the application
- Technologies used: Java Servlet, AJAX, jQuery

## Education

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### **University of Peradeniya, Sri Lanka (2014 - present)**

- BSc. Eng. Degree specialized in Computer Engineering (3<sup>rd</sup> year)  
Technical courses followed
  - Programming Languages
  - Advanced Database Systems
  - Operational Research

## Affiliation with Professional Bodies

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- Student Member of IEEE (Membership no: 93656482)

## Extra Activities

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- Participated IEEEExtreme 9.0
- Participated ACES Hackathon 2016
- Involved in iPURSE 2015 as a volunteer
- Conducted “Arunella” O\Level seminar programed in 2014

## References

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