

# MALWANAGE DHANUKA DILSAN GUNARATHNE

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<https://github.com/gunarathnemdd>

## 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 a friendly, helpful and polite person and have a good sense of humor.

## Skills

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### Languages

Java, MATLAB

### Web Technologies

HTML5, CSS3, ReactJS,  
NodeJS

### Development Tools

NetBeans, JetBrains IDEs

### Database Systems

MySQL

### Mobile Developments

Android

## Technical Experience

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### Development of Low-Cost Weather Station – 2017 (Group - member)

- Developed a weather station that can transmit weather information at real-time
- Developed a web site to display weather information on maps using Google Maps API
- Technologies used: Arduino, GSM Module, ReactJS

### 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=xAEnHeIjQlg>

### 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

### **VoCe – 2016 (Group - member)**

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

### **Education**

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

- BSc. Eng. Degree specialized in Computer Engineering (Final year student)

Technical courses followed

- Programming Languages
- Advanced Database Systems
- Operational Research
- Machine Learning
- Artificial Intelligent
- Neural Networks and Fussy Systems

### **Working Experience**

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- Software Engineering intern at ShoutOUT Labs (Pvt) Ltd. – 20 weeks
  - Contributed in upgrading main web application into a new version
  - Contributed in developing web application for developers
  - Implemented a plugin for WooCommerce platform
  - Technologies used: ReactJS, React-Bootstrap, Lodash, React-Redux

### **Affiliation with Professional Bodies**

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- Committee member of Association of Computer Engineering Students(ACES) - 2017
- Student Member of IEEE (Membership no: 93656482)

### **Extra Activities**

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- Organizing member of ACES Coders v6.0 2016
- Participated ACES Hackathon 2016
- Participated IEEEExtreme 9.0
- Involved in iPURSE 2015, Career Fair 2016 as a volunteer
- Conducted “Arunella” O\Level seminar programmed in 2014