



# Supriya Mane

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KLS GIT, Belagavi

## OBJECTIVE

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My goal is to pursue a career as an Electronics and Communication engineer in Embedded systems domain. Currently, I am looking for an internship where I can learn under professional guidance and also provide some inputs to the organization according to my skills.

## EDUCATION

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- X(Secondary)  
Year of Completion: 2013  
GOA BOARD OF SECONDARY AND HIGHER SECONDARY EDUCATION(St.Joseph's Institue)  
Percent: 91.8%
- XII(Higher Secondary) Year of Completion: 2015  
GOA BOARD OF SECONDARY AND HIGHER SECONDARY EDUCATION(Mushtifund Higher Secondary School)  
Percent: 81.8%
- Bachelor of Engineering(B.E), Electronics and Communications(2015-2019)  
KLS Gogte Institute Of Technology  
CGPA : 8.52/10(5th sem)

## PROJECTS

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- [Current]Encryption techniques for IoT
  - Study of lightweight cryptography algorithms for IoT
  - Implementing for TI Cc2650 or Cc2640R2F boards
  - Comparing their performance with standard AES
- Collector Bot-A bot that collects Fresh fruits avoiding damaged fruits and drop in Truck. It involved following components:
  - A completely designed bot for moving and picking and dropping fruits
  - Truck(Spark V)
  - Use of ArUco Markers for simulation in Virtual Robot Experimentation Platform

- Python+VREP at Supervisor station to control Collector bot using Xbee

## **TRAINING/INTERNSHIP**

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- Hardware Descriptive Language, IEEE (Online) during Apr 2017 - Aug 2017  
Online training of hardware design using verilog.
- Arduino Workshop at KLS Gogte Institute Of Technology (Belgaum) in May 2016  
A two-day workshop on Arduino Nano board to understand the basics
- Internet of Things workshop at KLS Gogte Institute of Technology in August 2016.
- Internship at Galaxy Machinery Pvt Ltd (Belagavi) in Design Electrical Department during July 2017 for 2 weeks.

## **RESEARCH PUBLICATIONS**

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- None

## **TECHNICAL SKILLS**

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- C Programming
- ARM Microcontroller
- Python
- Matlab
- HDL-Verilog

## **SOFT SKILLS**

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- Leadership
- Work ethics
- Interpersonal
- Teamwork