MIHIR KAVISHWAR

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Resume page: https://mihirkavi.github.io/

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OVERVIEW

To join and contribute to your renowned company for the benefit of the organisation as well as individual growth.

Interests and related topics:

- **Technical:**
  Embedded systems design, Microcontrollers (8051 LPC2129 8x86) , system integration Digital electronics: finite state machines, state modelling, product design, control systems, control algorithm (detailed familiarity PID control), digital signal processing.
- **Managerial:**
  Operations (six sigma), lean-kanban-kaizen processes, Business Economics, Marketing management, Human resource, Accounts, Finance.

DEGREE

B.Tech Electronics and Telecommunication

Symbiosis Institute of Technology (SIU)

DIPLOMA

Business Management

Symbiosis Institute of Business management (SIBM)

INTERNSHIP

Antenna modelling in MATLAB

At MathWorks, Inc.

ATTRIBUTES

Hardworking, Preparation oriented, Systematic, Reasoning, Adaptable

CERTIFICATIONS

MATLAB Fundamentals, Programming Techniques, etc.: **Self Training online courses by MathWorks** (currently pursuing)
C++ and Data structures: **IIT Kharagpur**
Six Sigma green belt: **MSME Gov. of India**
Line follower competition: **MITCOE, Pune**
Online Android app development training: **Internshala** (currently pursuing)
Independant acquired skills; GIT HTML & CSS: **https://www.codecademy.com/mihirkavi**

QUALIFICATIONS

- 10th SSC Board: 87%
- 12th HSC Boards: 76%
- B.Tech Average GPA: 3.435/4.0

SOFTWARE SKILLS

MATLAB, C programming, C++ and Data structures, Core Java, HTML, CSS (& Bootstrap), GIT, Arduino, Microcontroller 8051, Verilog.

PROJECTS

- **Vehicle tracking system hardware Feb 2017 - April 2017** (Semester 6)
  link: https://github.com/mihirkavi/vehicle-tracking-system
  To build a Bus/Vehicular tracking System based on GPS and GSM modules to get real time information of vehicles in which the hardware is installed. Complementary and in accordance with the Bus management Software project specified below.

- **PID control (implementation of an advanced line follower) Aug 2016 - Oct 2016** (Semester 5)
  link: http://symbotics.blogspot.in/
  Line follower and its PID control implementation is done from scratch. Right from fabrication of the skeleton of the bot to its PID tuning based on the Ziegler- Nichols method.

- **Bus management system software Aug 2016 - Nov 2016** (Semester 5)

  link: https://github.com/mihirkavi/BUS-MANAGEMENT-SYSTEM-in-C
  The modeling of the idea is done in basic C. The aim is to make a universal program to manage buses in an institute/ organization. The software idea touches the aspect of a real-time positioning of the buses and a lean project implementation.

EXTRA CURRICULAR ACTIVITIES
UG level:

Quadcopter design, CESS bridge modelling, Students parliament, College level Football, Guitar