

# MILIND MANOJ KULGOD

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## **ACADEMIC QUALIFICATION**

Started **Masters of Science in Computer Science and Engineering** at The University of Texas at Arlington in Fall '19

Completed **Bachelor of Engineering in Information Science and Engineering** at Nitte Meenakshi Institute of Technology (NMIT), Bangalore; affiliated to Visvesvaraya Technological University, Belgaum; **CGPA: 8.73/10**; May'19.

## **INTERSHIPS**

**Intern, Qess Corp Limited (Technological Division), Bangalore (Jun-Aug'18)**

- Acquired knowledge on new technologies like ReactJS and how to use Google's Firebase.
- Learnt about making dynamic changes to the product based on business requirements of the client.

**Intern, Hindustan Aeronautics Limited (Aircraft Division), Bangalore (Jul-Aug'17)**

- Learnt about the different types of combat aircrafts.
- Gained understanding of the computer systems and interfaces used in the combat aircrafts.
- Exposed to the industrial environment and the working of advanced Computer Numerical Control(CNC) machines.

## **ACADEMIC/RESEARCH PROJECTS**

**Title:** Autism Detection using Machine Learning

**Duration:** Jan-May'19

**Team Size:** 4

**Brief Description:** The project was designed to increase accuracy of diagnosis of Autism by creating a cost effective and user-friendly way for a doctor to assess their patients for autism, and also for parents to assess their children before consulting a doctor.

**Technology Used:** Python and its libraries, HTML, CSS, MS Excel for backend, Jupyter notebook for the IDE.

**Title:** Smart Locking System in IoT

**Duration:** Jan-Apr'18

**Team Size:** 4

**Brief Description:** The project aimed at designing a secure door lock for gym lockers and cabinets.

**Technology Used:** Arduino Uno microcontroller board with hardware components like servo motors and a keypad. Blynk was used to establish a wireless connection between a smartphone and Arduino.

**Title:** Student Mentor Interaction Module

**Duration:** Sep-Dec'17

**Team Size:** 4

**Brief Description:** The aim of the project was to give an effective and user-friendly way to maintain communication between a set of students and their mentor and have their personal details in order to schedule meetings with their parents if required.

**Technology Used:** HTML5, CSS, PHP, MyPHPAdmin as the backend, Sublime Text for the text editor.

**Title:** Pharmacy Repository and Transaction Management in Java

**Duration:** Jan-Apr'17

**Team Size:** 4

**Brief Description:** The objective was to create a system for pharmacy owners to have a problem-free financial transaction with their customers. The cart would show the total amount to be billed, making it easy for the pharmacists to calculate their customer's bill.

**Technology used:** Java Language

**Title:** Library Database in C

**Duration:** Sep-Dec'16

**Team Size:** 4

**Brief Description:** The project aimed at curating a library database management system which keeps track of the books available, issued and returned.

**Technology Used:** C Language

## **TECHNICAL SKILLS**

- Software: Adobe Lightroom, Basics of Adobe Photoshop, VideoPad, Video Editor, LaTeX Document Editor, UiPath RPA Tool, TIBCO JasperSoft, MS Office.
- Programming Languages: C, C++, Java, Python, MySQL, PHP, CSS, HTML, ReactJS, NodeJS and JavaScript.
- Database Technologies: MySQL, Wamp, MongoDB, NoSQL Database, Google's Firebase
- Technologies: Basics of Dialogflow, Big Data, IoT and Machine Learning
- Operating Systems: Exposure to Windows, UNIX

## **OTHER SKILLS**

- Experience of driving for the last 4 years.
- Learnt percussions for a span of 7 years.
- Pursuing photography for the last 9 years.

## **CERTIFICATIONS**

- 'The Complete Machine Learning Course with Python' by CodeStars on Udemy (Mar'19).
- 'Python for Beginners' by Chameleon Learning on Udemy (Jan'18).
- 'The Numpy Stack in Python' by The Lazy Programmer on Udemy (Jan'18).

## **EXTRACURRICULAR ACTIVITIES**

- Appointed as the President of the Music Association at NMIT, Bangalore (2017-2019)
- Appointed as Vice President of the Student Council at NMIT, Bangalore during the term 2017-2018.
- Appointed as President of the Student Council at NMIT, Bangalore during the term 2018-2019.
- Was one among the editorial board of the Annual Magazine "Ostium" at NMIT, Bangalore (2018-2019)
- Was the member of the Core Committee of Anaadyanta, a national level Techno-Cultural Fest from 2017-2019
- Took part in Bharat Vikas Parishad, a state-level group song competition held in Mangalore in 2012.
- Part of an Eastern fusion band named 'Algo-Rhythm' at college and have taken part in various National level fests at colleges like BITS Goa, Christ University, St. Joseph's College (2015-2019).
- Part of the organizing committee for India's Largest Youth Festival, 'Axe Under 25 Summit' held at Jayamahal Palace, Bangalore (2019).
- Self-trained in photography for the last 9 years.
- Experienced with percussion instruments for 11 years and participated in school level competitions and won.