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# Experience

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| feb 2021 – Presentprogram intern, forge  * Design & Development of Prototypes for a startup Origina – Single origin milk tracking, * Volunteer in day-to-day operation and execution of Innovation programs and events organized by forge. |
| Sep 2020 – jan 2021Innovation engineer trainee, forge  * Worked on MUP for an open-source Low cost ventilator during Pandemic period, * Part of ProtoSem, A 20-week, full-semester course, during which students are nurtured & guided to develop core technical concepts and key engineering skills and are transformed into 'Innovation Engineers'. |

# Education

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| 2018 – presentBachelor's degree on Electronics and Communications Engineering, Kumaraguru college of technology CPGA : 8.6 /10 |
| 2016 - 2018Computer science stream, GD Matric Higher sec school Percentage : 92.3% 2015sslc, sri ramakrishna Matric Higher sec school Percentage : 96.6% |

# Skills

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| Technical expertise: embedded system design, microcontrollers, internet of THINGS (IOT), pcb designing |
| tools & technologies: Arduino, eaglecad, librecad, raspberry pi, stm32 microcontrollers, kicad, cad feko, proficient in excelprogramming languages: proficient in embedded C, intermediate in python, intermediate in c programming |

# Projects

**Non – invasive Glucometer**

* This device used to measure the glucose level non-invasively and it is customized and will be accurate for that particular individual using ML algorithms on their glucose levels,
* I worked on Integrating Bluetooth to share the glucose values and uploading the values to the server using MQTT Protocol.

**Digital twin**

* Digital twin is a piece of technology through which we can digitally represent the physical system. It is very useful in factories, large buildings to monitor the process chain.
* I worked on building the Proof of Concept(POC) by visualizing the temperature/humidity sensor data in the Tamil Nadu city map

**Volunteering**

**member of super 60**

Super 60 is a programme that helps one realise the potential, visualise the immediate future, develop holisitic growth and reinvent them. The super 60 model of the leadership takes one through the journey of discovering potential within and catapult the leader within.