



Nikhil Miranda

GitHub Website: <https://nikhilmiranda.github.io/>

LinkedIn: <https://www.linkedin.com/in/nikhil-miranda-04360441/>

Address: B6-601, Ramky One North, Avalahalli, Bengaluru - 560064

Contact No: +91 8971723022 email: nikhil.miranda@gmail.com

Objective:

- 1) To apply my knowledge and skill set to work effectively in the organisation and to achieve its goals.
- 2) To seek challenging assignment and take responsibility in order to have career growth and advancement.

Educational Qualification:

Examination	Board/University	Year of Completion	Institution	Percentage/CGPA
B.Eng – Electronics and Communication Engineering (Pursuing)	Visveswaraiah Technological University	2019	B M S Institute of Technology	6.2 CGPA (I to V SEM)
XII	CBSE	2014	Atomic Energy Central School - 3, Mumbai	76.6 %
X	CBSE	2012	Atomic Energy Central School - 3, Mumbai	10.0 CGPA

Skill Set:

- C/C++ (College)
- Embedded C (College)
- Basics of MATLAB(College)
- Internet of Things (College)
- Front End Web Development : HTML5, CSS3, JavaScript, TypeScript,Flask, Angular 6
- Back End Web Development : Node.js, MongoDB, Nginx
- Operating Systems : Windows 10, Ubuntu.

Projects:

1. Title: MEAN Stack Web Development (2018) | Team Size: 1

Platform/ Technology Used: MongoDB, Angular 6, Express.js, Node.js

Description: This project mainly focuses on journey to become a MEAN Stack Developer. During this phase I have developed a lot of many small scale stand alone projects. Please Visit <https://nikhilmiranda.github.io/> to know more.

2. Title: Digital In-Transit Quality Controller (2018) | Team Size: 4

Platform/ Technology Used: Web App Development, Internet of Things, Blockchain, AWS Lambda, Alexa

Description: This Project solves the problem faced with regard to insurance claims followed validation of genuinity of any kind of mishap that happens to a product during delivery of shipment overseas. IoT is used to send the real time data to a centralised system which is the Web-App. Then this data is saved locally by the web app into a database. And this data is checked for any anomalies in the trend. If an anomaly is found then a ticket is raised and the data of + and - 5 seconds is pushed into a Hyperledger API. Which is accessible to all the primary parties concerned to the respective issue. Any kind of error is reported along with temperature changes, light intensity changes and a couple of photos all of which is taken without any human assistance. It's completely automated and production ready.

3. Title: IOT based Switchboard (2015) | Team Size: 3

Platform/ Technology Used: Embedded Systems, Internet of Things, MQTT (Message Queuing Telemetry Transport)

Description: The project focuses on getting control of electrical appliances of house in your hand and helps in monitoring them and switch them off if the user has forgotten to switch off the lights before he left house for work. Hence, saving time and electricity.

4. Title: Obstacle avoiding Robot (2014) | Team Size: 2

Platform/ Technology Used: Embedded Systems, Arduino

Description: This project mainly focuses on avoiding collisions between two vehicles, an Ultrasonic Sensor is used to measure the distance between the two vehicles and by keeping a threshold value of this distance the vehicle under consideration turns independently to avoid collision.

Internships:

1. ROBOCRAZE:

Duration: 1 month (September 2015)

Description: Tested educational boards which include Arduino, Raspberry Pi based microcontrollers and sensors. Also, helped in development and installation of **IOT based Switchboard**.

Achievements:

- Won the cyber Triathlon conducted by TheMathCompany at College Level (August 2018).
- Won an Industrial Level HACKATHON conducted by Cognizant & Mulesoft at National Level (April 2018).
- Won the mock placements event in EEE departmental fest (November 2015).
- Head Boy of Atomic Energy Central School-3 (2013-14).

Hobbies and Interests:

- Listening to Jazz Music
- Gaming.
- Web Development.
- Custom PC Assembling.
- Talking to strangers

Personal Details:

Date of Birth: 3rd July, 1996

Gender: Male

Languages Known: English, Konkani, Hindi, Kannada

Religion: Christianity

I hereby declare that all the above information is true to the best of my knowledge and belief.

NIKHIL MARTIN MIRANDA