


## CONTACT:

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 EMAIL : [gokulakrishnan.m96@gmail.com](mailto:gokulakrishnan.m96@gmail.com)

## TECHNICAL SKILLS:

### PROGRAMMING LANGUAGES:

- JAVASCRIPT

### WEB TECHNOLOGIES:

- REACT
- HTML5
- CSS3
- NODEJS

### FRAMEWORK:

- EXPRESSJS

### DATABASES:

- MONGODB
- MYSQL

### MACHINE VISION SYSTEM:

- COGNEX
- SICK
- OMRON
- HIKROBOT

### COMMUNICATION PROTOCOLS:

- TCP/IP

## PERSONAL DETAILS:

- DATE OF BIRTH: 22-OCT-1996.
- NATIONALITY: INDIAN
- MARITAL STATUS: UNMARRIED
- LANGUAGES: TAMIL, ENGLISH

# GOKULAKRISHNAN M

## SENIOR APPLICATION ENGINEER

Solution-focused and goal-oriented software engineer with four-plus years of experience in implementing advanced technology and business solutions in Software Development and Industrial Automation. Demonstrates strong analytical and problem-solving skills and ability to follow through with projects from inception to completion.

### PROFESSIONAL SUMMARY:

- Having 4 years of professional experience in Inspection, Identification, Verification, Development and implementation of Machine Vision and User Interface using tools like Object Locator, Pixel, Measurement, OCR, Math Logic, HTML5, CSS3, and JavaScript.
- Provided technical assistance for field queries from the site and office.
- Experience in working with software like Cognex Insight Explorer, Dataman, Sick Sofas Engineering, Sick App Manager, Visual Studio Code, Vision Master, and FHV Launcher in Industrial Automation.
- Developing User Interface (UI) using Front End Technologies.
- Used Version Control Tool- GIT

### WORK EXPERIENCE:

Overall Experience: 4 Years 7 Months

- Senior Application Engineer at VR Automation and Solutions: (1 year 4 Months| October'21 to February'23)
- Software Engineer at V Migrate Technologies: (3 years 3 Months| June'18 to August '21)

### PROJECTS WORKED ON

#### MOTORCYCLE SERVICE BOOKING:

**Role:** MERN Stack Developer

**Skills used:** HTML5, CSS3, JAVASCRIPT, REACT, NodeJS, ExpressJS, MongoDB

**Details:** A web Application is developed for the user to book their vehicle for service quickly. On the service page, a list of services is provided users can choose it then on the booking page create an input field for the user to give their details for booking confirmation. A login and signup page were created to get user credentials before booking the services.

#### **Responsibilities:**

- Used API's mechanism fetch method for get data from server to client.
- Created responsive UI, used states for state management, routes for rendering components and developed backend for dynamic data.

## CERTIFICATE



GUVI  
MERN STACK DEVELOPER



<https://master--hilarious-phoenix-abdb3f.netlify.app/>



<https://github.com/Gokul-96>



<https://www.linkedin.com/in/gokulakrishnan-m96/>

## TRACK AND TRACE OF VEHICLE:

**Client:** Hyundai  
**Domain:** Automobile  
**Role:** Software Engineer  
**Skills used:** HTML5, CSS3, JAVASCRIPT

**Details:** Driver and Vehicle 1D Barcode Decoded by the sick scanner and evaluated using Track and Trace software and send the decoded data to SAP using API. SAP will validate the data whether it is okay or not and send the signal to Track and Trace software. In the parking lot created UI for showing output data.

### **Roles and Responsibilities:**

- Analyzed client needs and recommended new software programs and upgrades to existing programs.
- Developed HTML5, CSS3, and JavaScript to match design specs for complex page layouts while adhering to code standards.
- Used websockets for data exchange between client and server.
- Implemented own ideas on functionalities and UI for better user experience.

## AUTOMATION OCR READING AND INSPECTION:

**Client:** Royal Enfield  
**Domain:** Automobile  
**Role:** Senior Application Engineer  
**Skills used:** OpenCV

**Details:** Using a machine vision camera to capture images and generate an algorithm for reading the optional character recognition of a component. The inspection is done on a running conveyor using a sensor to trigger the camera.

### **Roles and Responsibilities:**

- Application Development Team-Member
- On-site Demonstrate & Commissioning.
- Technical Support
- Program Developing

## EDUCATION

2018, B.E. (Electronics and Instrumentation Engineering) from Hindusthan

College of Engineering and Technology, Coimbatore.

## DECLARATION

I hereby declare that the above-given information about me is true to my knowledge.

**Date:**

**yours sincerely**

**Place:**