

# NITHISH KUMAR K M

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## Career Objective

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Dedicated professional with 15 months of experience, focused on advancing a career in **Data Science**. Committed to staying updated on **AI trends and technologies**, eager to apply practical expertise during graduate school.

## Education

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Cambridge Institute Of Technology [Engg]

Aug. 2019 – Aug. 2022

Bachelor of Engineering in Electronics And Communication Engineering

Bangalore, India

## Technical Skills

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**Languages:** C, Java, C++, Python, SQL

**Web Development:** React, JavaScript, TypeScript, HTML/CSS, Bootstrap

**Familiar with:** Git, Data Structures and Algorithms, DBMS, OOP, Problem-Solving Skills, Microsoft Word/Excel/PowerPoint

**Databases:** SQL, MongoDB

**ECE Skills:** VLSI, FPGA, Signal Processing, Microcontrollers, Circuit Design, Telecommunications, Embedded Systems, Analog Design, PCB Design, Control Systems

**Developer Tools:** VS Code, Eclipse, Google Cloud Platform, Android Studio

## Projects

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### Hospital Management System

**Tech stack:** *html5/css3, JavaScript, Bootstrap, XAMPP, PHP, MySQL*

June 2023

- Developed an application to manage **patient records**, including a **database for storing patient information** and a system for tracking medical appointments.
- Designed an algorithm to enhance the **efficiency** of hospital processes, addressing various operational challenges.
- Investigated security risks associated with **hospital data** and examined the impact of computerized systems on hospital staff morale.
- Evaluated the effectiveness of existing hospital management software, identifying areas for improvement.

### Personal portfolio

**Tech stack:** *html/css, React js*

January 2024

- Designed and developed a responsive portfolio to showcase **projects and skills**.
- Implemented interactive features and animations for an engaging **user experience**.
- Integrated **dynamic content** to keep the portfolio up-to-date with the latest information.

### Accident Detection And Alert System | Tech Stack: *c programing, arduino , gsm, gps , sensors*

Oct'21 - Jul'22

- This system can prove to be a **lifesaver** in isolated areas where an accident has occurred and no one is around in order to report the accident. This device **automatically detects an accident and alerts** the nearest hospital or medical services about the exact location of the accident.
- This system sends the to the medical rescue team within a few seconds of an accident.

### "Obstacle Avoiding Car" | Tech Stack: *C++ programing, ultrasonic sensor, arduino ide*

Jan'21 - Jul'22

- The main objective of this project is to create an obstacle-avoiding car.
- The car must be able to turn to other possible angles when an obstacle is encountered in front of the car. This is done using the help of ultrasonic sensors.

### IoT Based Home Automation | Tech Stack: *iot , blynk app, c programing, computer networking*

Oct'18 - May'19

- The main objective of this project is almost all home appliances can be used to control remotely from any part of the world.

## Front-End Projects

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- [YouTube Clone](#)
- [E-commerce website](#)
- [Landing page](#)
- [Month Calendar](#)

## Internships

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**Internet Of Things [IOT]** | *Analytics , Blynk App , Embedded C++ , arduino*

**October 2022**

- Hands-on project: “Water Level Monitoring System Using IOT”
- The automatic Water level monitoring System is going to monitor the water level of the water tank using an Ultrasonic sensor. which involves retrieving data sent to a smartphone via an internet connection and the Blynk application.

**BSNL:Networking And Communication** | *Computer Networking,protocols,configuration*

**September 2018**

- Company name: BSNL (Bharat Sanchar Nigam Limited. it is the largest provider of fixed telephony and broadband service with more than 60 percentage market share and is the fifth largest mobile telephony provider in India.

## Certifications

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1. **Problem-Solving By HACKER RANK** [↗](#)
2. **Programming Fundamentals From Coursera** [↗](#)
3. **PYTHON For Everybody From Coursera** [↗](#)
4. **Object-Oriented Programming In Java** [↗](#)
5. **HTML, CSS, and JS by Johns Hopkins University**
6. **Introduction to Cyber Security** [↗](#)
7. **Foundations of User Experience (UX) Design by Google** [↗](#)
8. **Principles of UX/UI Design** [↗](#)

## Extra Curricular Activities

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- **Scouts and Guides:** Actively participated in the Scouts and Guides program, demonstrating leadership, teamwork, and community service. Earned the prestigious **Rajya Puraskar Award** for exemplary performance and dedication.
- **Sports Club:** Engaged in various sports activities through active membership in the Sports Club, promoting physical fitness, teamwork, and discipline.
- **Project Intuit 2022:** Participated in **Project Intuit 2022** to demonstrate our project and secured **1st prize**, showcasing innovation and excellence.

## Hobbies & Interests

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Listening to Music, Watching Movies, Gaming, Travelling, Editing