



# NITISH KUMAR V A

## JUNIOR SOFTWARE ENGINEER

Problem solving, conflict management, decision making, and adaptability are some of the core values that I possess, combined with a great passion for the IT Industry. I assure to produce high standards of work. I have excellent interpersonal skills enabling to effectively build rapport with team members and superiors. I would like an opportunity to utilize my technical skills in a work environment and in due time become a valuable asset to the organization.

## Contact

### Phone

+91 6381896673

### Email

nitishva2001@gmail.com

### Address

134,Thoppu Thottam,  
Jothipuram(Post),Coimbatore-641047

## Education

2019 - 2023

### B.E - ECE

Sri Ramakrishna Engineering College  
CGPA - 8.28

2019

### HSC

G.K.D Matriculation Higher Secondary  
School  
Percentage - 72.33%

2017

### SSLC

G.K.D Matriculation Higher Secondary  
School  
Percentage - 93.2%

## Skills

- C
- Java
- SQL
- Servlets and JSP
- HTML and CSS (Basics)

## Interest

- Application Development
- Networking
- Cloud
- IOT
- Embedded Systems

## Projects

### 2020 - 2021

#### Efficient Brute-force handling methodology using Indexed-Cluster Architecture of Splunk

To maintain the security from brute-force type of hacking method, Splunk tool is used. Splunk is a software platform widely used for monitoring, searching, analyzing and visualizing the machine-generated data in real time. It is easy to set up alerts and warnings based on the queries.

**Languages & Tools Used:** Splunk tool, Linux Query Language, Windows Power Shell.

### 2021 - 2022

#### A Smart Health System for Monitoring and Predicting Infection Probability for COVID Patients

IoT health monitoring helps to prevent the spread of the Covid and to make an accurate diagnosis of the patient's health condition. A Machine learning technique (Logistic regression Algorithm) is used to predict the infection probability of Covid patients based on the body vitals of the patients.

**Languages & Tools Used:** Python, Visual Studio Code, Arduino IDE, Google Colab, Multiple sensors

### 2022 - 2023

#### A Secure File Sharing and Audit Trail Tracking Platform with Advanced Encryption Standard for Cloud Based Environments

The Secure File Sharing and Audit Trail Tracking Platform with Advanced Encryption Standard for Cloud Based Environments is a project designed to provide a secure and efficient way for users to share files in cloud based environments. The platform uses the AES to encrypt and protect files, ensuring that they remain secure throughout the sharing process. The platform also includes an audit trail tracking feature that allows users to track and monitor all file activity, including uploads, downloads, and modifications. This feature helps to ensure accountability and transparency, allowing users to identify any potential security breaches and address them immediately.

**Languages & Tools Used:** Java, JSP, MySQL Server, Heidi SQL, AWS, NetBeans.

## Certification and Key Courses Taken

- Undergone "Embedded Communication Protocol", Certification.
- Undergone "AI for Everyone: Master the Basics", Certified Course by IBM offered through EDX.
- Undergone "SQL-Basics" Certified by SkillRack.
- Undergone "Full Stack Web Development" training program by Business Web Solutions.

## Language

English

Tamil

Kannada

## Internship

○ May 2022 - June 2022

Zoho Corporation

Summer Intern

**Project done during Internship**

### Bug Tracking System

A bug tracking system is software that keeps track of bugs that the user encountered in any software development or in any project.

**Languages & Tools Used:** Java, JSP, Servlets, JNI(Java Native Interface with Native C++), File Handling.

## Achievements

- Won Special Recognition Award and cash prize **INR 50,000** in “**Precision Health Challenge 2022**” conducted by **GE Healthcare** on 14.02.2022.
- Cleared and secured 65% “**Business English Certificate Examination**” (Preliminary) conducted by **Cambridge University**.

## Publications

- Published “**Efficient Bruteforce Handling Methodology using Indexed Cluster Architecture of Splunk**” at “**International Conference on Electronics and Renewable Systems (ICEARS 2022)**” in IEEE.
- Published “**A Secure File Sharing and Audit Trail Tracking Platform with Advanced Encryption Standard for Cloud Based Environments**” at “**International Conference on Electronics and Sustainable Communication and Systems (ICESC 2023)**” in IEEE.