

# Nishal k

Software Engineer

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Portfolio:

<https://nishalk01.github.io/>

## EXPERIENCE

### Invenger Technologies, Mangalore — Software Engineer

August 2021 - PRESENT

- ❖ Software engineer Responsibility included: Working on a live product, testing and analyzing deployment, finding out root cause for the problem in production and implementing fix.
- ❖ Used Salesforce to resolve application issues and to give the fix, Involved with the onsite team in Penny testing and rectified issues in Go lives for new clients.
- ❖ Reduced Latency of API endpoints by optimizing sql Query by including indexes thereby reducing latency by 20%.
- ❖ Identify and respond to events that impact production and aid in resolving those issues including technical resolution and management communication.

## EDUCATION

### Mangalore Institute of Technology & Engineering — B.Tech Electronics and Communication

July 2017 - July 2021

## PROJECTS

#### AmbSafe – ReactJS,NodeJS,MongoDB

- ❖ Developed a Full Stack MERN Application which is capable of tracking Ambulance Location in case of Emergencies
- ❖ Application is capable of locating nearest registered Hospitals, further providing Hospital with patient description

#### SimpleVideoPlayer – ReactNative

- ❖ Android Application that uses React-native video to display and control video media.
- ❖ Designed neat UI with ability to select a folder and open video files present in it, has a custom UI control for controlling media.

#### Blog Website – NextJS, FireStore

- ❖ Full stack Blog Website with Email Authentication for Editor to create a Blog.
- ❖ User can make a blog easily using EditorJS all the blog details will be stored in FireStore

#### ProcurePlus – Tauri,ReactJS

- ❖ Developed Desktop application for an company which can display flowchart based on conditions provided and further export data

## SKILLS

Languages:

JavaScript,Python, C, Java

Framework: **ReactJS, React Native**,Bootstrap, **ExpressJS,Django**,Flask,**FastAPI**,NextJS, Kivy, Keras, OpenCV, Jetpack Compose, Ionic

UI: Html5,CSS3

Database:

MySQL,MongoDB,FireStore

Operating System: Windows, Linux

Cloud Infra and tools: AWS, Docker,Vagrant

## COURSES AND ACTIVITIES

1. Machine learning science and its application,NPTEL.
2. Browser based models with Tensorflow.js,Cousera.
3. Generate Synthetic Images with DCGANs in Keras,Cousera.
4. Image Data Augmentation with Keras,Cousera.
5. Participated in Hobby Project event in PLASMA, at JNNCE,Shivamogga October 2019
6. Participated in HACKATHON conducted by IEEE-Mangalore sub branch in Canara college, March 2020

## LANGUAGES

- ENGLISH
- KANNADA
- HINDI