



# HARIKA BV

SOFTWARE DEVELOPER

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Email

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Web

www.harikabv.com

## + PROFILE

I am a tech enthusiast with passion to solve problems and to make things.

Proven skills in Android application development, Graphic and UI Design with work experience in various organisations and technical teams and I believe that I am a versatile learner and can get going with any sort of work.

## + SKILLS

Java	<div><div></div></div>
Python	<div><div></div></div>
Web Scrapping	<div><div></div></div>
AWS	<div><div></div></div>
SQL	<div><div></div></div>
Adobe XD	<div><div></div></div>
Photoshop	<div><div></div></div>

## + SOCIAL MEDIA



LinkedIn

linkedin.com/in/harika-b-v/



Medium

medium.com/@harikabv



GitHub

github.com/Harika-BV

## + EDUCATION

### B. Tech in Computer Science

(with specialization in Bioinformatics)

VIT University, Vellore | 2017 - 2021

CGPA: 9.37

### Class 12 (Board of Intermediate Education, AP)

Ratnam College, Nellore | 2015 - 2017

Score: 988/1000

## + WORK EXPERIENCE

### Software Developer

Alfaleus Technology, Vellore | Dec 2018 - Present

For more than a period of 18 months, while being still in college, I worked at Alfaleus. It is VIT's most decorated start-up with products sold worth 100k USD+ and funds raised of 200k USD+ and collaborators such as Johns Hopkins (Baltimore, USA) and Aravind Eye Hospital (India).

- I was responsible for the product software from ideation stage and did wire-framing, prototyping, feedback iterations and final product delivery.
- My work primarily included development and maintenance of an Android application that can connect to a VR headset wirelessly and perform real time computation and analysis.
- I gained technical skills in algorithm development, backend integration- AWS Dynamo database, AWS S3 storage (online), SQLite (offline) and real time computation on android platform.

### UI / UX Design Intern

FindMind Analytics, Vellore | Apr 2020 - Present

A fully committed, energetic team of analysts, designers, developers, and project managers with one goal in mind - helping our clients and their products shine.

- Understanding the user requirements and converting into user flows
- Designing wire-frames, visual designs and prototypes
- Designing logo, banners for the company

## + EXPERTISE

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- Android Application Development
- Graphic Design
- UI / UX Design
- Algorithm Development
- Data analysis

## + ACHIEVEMENTS

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- Branch Topper for the consecutive years 2018-19, 2019-20
- IV University Rank Holder for the academic year 2017 – 18
- Top 30 in HackTheCrisis, a hackathon by Garage48 during Covid-19 pandemic

## + VOLUNTEER EXPERIENCE

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- Volunteered at Aravind Eye Hospital's camps in Pondicherry during World Glaucoma week' 19.

## + REFERENCES

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### **Sandal Kotawala**

CEO | Founder, Alfaleus Technology

Email: [sandal@alfaleus.com](mailto:sandal@alfaleus.com)

Phone: +91 7639117333

### **Android Developer**

*Ashva, Vellore* | Jun 2020 - Present

- Currently working on the Functionality improvement based on on-field usage and feedback and backend integration
- I am responsible for communicating the app to server using retrofit, making the User Interface changes

## + ADDITIONAL EXPERIENCE

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### **Graphic Designer**

*Girlup Masakali* | FEB 2020 - Present

- Worked as a graphic designer in a non-profit organisation to improve my design skills and deliver my best.

### **Core Member**

*Technology and Gaming Club (TAG), Vellore* | Dec 2017 – Jan 2020

- Worked as Design mentor and designed event flyers, Brochures, Badges
- Designed wire-frames, visual designs and prototypes
- Part of organisation team for various university events

## + PERSONAL PROJECTS

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### **Low Resolution Custom Text Recognizer**

*APR 2020*

- Using OpenCV Android we pre-process the image and extract the text using Tesseract library.
- Further we generate an excel from the data generated by which data analysis will be easier

### **Covid-19 Detection using Chest X-ray scans**

*MAY 2020*

- Collection of x-ray scans of normal people and covid-19 affected people
- Developing model by training the machine using TensorFlow and Keras
- Testing the model formed with different set of images

## + PERSONAL PROJECTS (Cont.)

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### **VITMarksCalculator**

*JUN 2020*

- As VIT cancelled the FATs (Final Assessment Test) for the Winter Semester (2019-2020) and going to award the final grades by internal marks, every student is calculating their final scores.
- So, I decided to make a simple application to calculate the marks using python's GUI package Tkinter

### **NikeScrap**

*JULY 2020*

- Data retrieving project to extract trending accessories from Nike website
- Extracting data from a dynamic website using Python and Selenium
- Storing the data in excel file for further data analysis

### **Social Distancing Violator Detector**

*MAY 2020*

- Detect the social distance violations in real time using OpenCV and deep learning
- MobileNet Object detection model is used to detect the people
- Euclidean distance is measured between the centroids of the people to check the violation