



HARIKA BV

SOFTWARE DEVELOPER

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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>
Tensorflow	<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

GPA: 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

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

+ ACHIEVEMENTS

- 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

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

+ REFERENCES

Sandal Kotawala

CEO | Founder, Alfaleus Technology
Email: sandal@alfaleus.com
Phone: +91 7639117333

+ ADDITIONAL EXPERIENCE

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

AndroidCV

OCT 2019 - JAN 2020

- An android app which implements different computer vision algorithms to enhance an image like Noise removal, Thresholding, Segmentation.

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

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