HARIKA BV

SOFTWARE DEVELOPER

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Web
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+ 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
- Python
- Tensorflow
- AWS
- SQL
- Adobe Xd
- Photoshop

+ SOCIAL MEDIA

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

Medium
medium.com/@harikabv

Github
github.com/Harika-BV

+ EDUCATION

| 2017-2021 | **B. Tech in Computer Science** (with specialization in Bioinformatics) |
| | *VIT University, Vellore*   *CGPA: 9.37* |

| 2015-2017 | **Class 12** (Intermediate) |
| | *Ratnam College, Nellore*   *988/1000* |

+ WORK EXPERIENCE

Software Developer

Alfaleus Technology, Vellore | Dec 2018 - Present

Alfaleus is an Indian medical start-up which started by a group of enthusiastic engineers with a dream to accelerate the detection of glaucoma in its earliest stages.

- Worked on the design and development of C3 Field Analyzer software which includes algorithm development, AWS Dynamo database and AWS S3 storage (online) and SQLite (offline).
- Analysed data and performed comparison reports
- Documentation - SDD (Software Design Description), SDP (Software Development Plan), UR&DI (User Requirements and Design Inputs).

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

+ REFERENCES

Sandal Kotawala

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

+ ADDITIONAL EXPERIENCE

Graphic Designer

Girlup Masakali | FEB 2020 - Present

- Designed awareness posters for the social media platforms

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.
- **Link:** https://github.com/Harika-BV/OpenCV-for-Android

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
- **Link:** https://github.com/Harika-BV/Covid-19-Detection-using-Chest-X-Ray

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
- **Project Link:** https://github.com/Harika-BV/Low-Resolution-Custom-Text-Recognizer