



DHARANIKUMAR A B

SOFTWARE ENGINEER

Contact

- +91 7904514672
- abdharani03@gmail.com
dharanikumar.it20@bitsathy.ac.in
- 2B,Erumaraja agraharam,
Thirupapuliyur,Cuddalore-2
- <https://github.com/DHARANIKUMAR-A-B>
- <https://www.linkedin.com/in/dharanikumar-a-b-a27ba8212/>

Technical Skills

- Programming languages: Python (Beginner), C (Intermediate),
- Front-end: HTML, CSS, JavaScript
- React js, jquery,Blender,

Areas of Interest

- User Interface/User Design
- Machine Learning
- Web Application

Tools

PLATFORMS

- Jupyter notebook
- Google colab
- Blender

CODE EDITOR

- VS Code

DESIGNING

- Canva
- Figma

A passionate student seeking for a reputed position in a well established organization to challenge myself in my career. A factfinder, Analytical-minded and creative team player in designing, planning, and maintenance of software programs. Aim to work in a dynamic environment, to get the best out of my skills which can be productive for the company as well as me.

Education Qualification

B.Tech Information Technology 2020-2024

Bannari Amman Institute of Technology, Sathyamangalam-638401 (Up to IV semester)
CGPA | 8.45

HSC 2019-2020

Krishnasamy Memorial Matriculation higher secondary school, Cuddalore-607001. Mark: 314/600 Percentage: 51.4% Maths - Biology group

SSLC 2017-2018

Krishnasamy Memorial Matriculation higher secondary school,Cuddalore-607001. Mark:406/500 Percentage: 81.2%

Projects

LENS FOR E-LEARNING | JAN 2022 - MAR 2022

- Used pytesseract (OCR) and OpenCV in python for extracting text from images, summarized the text using spacy and NLTK libraries.
- Extracted keyphrases using RAKE and automated google and youtube search using googlesearch and urllib library.

SMILE DETECTION | MAR 2022-APR 2022

- Worked with Machine learning models - Supervised (Algorithms)
Deployed ML models using jupyter

Achievements

TrusTrace UX Designing&Branding | 2022

- Secured 2nd place and won Rs:2000

Smart India Hackathon | AUG 2022

- Grand finalist of SIH 2022 Developed an AI and ML Powered Teacher, Parents Assistant Application

2nd Best paper award in 3rd ICCRET -2021

- Title: Privacy and Security measures for IOT obstacles.

BIT'SHACK Hackathon | FEB 2023

- Special mention of BIT'SHACK Developed Student grievance portal which is held at internal hackathon

Personal details

- D.O.B: 03 March, 2003
Gender: Male
- Languages known: Tamil (R,W,S), English (R,W,S),

Hobbies

- Listening to music
- Origami
- Swimming

Certificates

NVIDIA

NVIDIA | Fundamentals of Deep Learning, Jan 2022

Cisco Network Academy

Cisco Network Academy | Cyber Security Essentials, Oct 2021

Cognitive Class AI

Cognitive Class AI| Machine Learning with Python, May 2021

Co-curricular

Patents

- Filed a patent entitled "Edge computing device development and tracking using unmanned aerial vehicle" | Jul 2022.
- Filed a patent entitled "Intelligent edge computing device to assess dietary intake and nutritional status using IP Camera" | May 2022.

Paper-presentations

- Presented a paper in the 3RD ICCRET-2021 on "Privacy and Security Measures for IOT Obstacles" organized by International Institute of Research in Multidisciplinary Skill Development Trust (IIRM) | Oct 2021
- Presented a paper in the 4th ICETEM-2021 on "Forecasting COVID-19 Crisis" organized by International Institute of Research in Multidisciplinary Skill Development Trust (IIRM) | Aug 2021

Work Experience

Student Intern| NASSCOM Dec 2021 - Present

- Worked in the AI&ML team in the development of Minimum viable product (MVP) - NOVA LENS

Towards Technology Feb 2022 - Mar 2022

- Worked with Machine learning models - Supervised (Algorithms)
Deployed ML models using MIT App Inventor

Declaration

I DHARANIKUMAR A B hearby declare that the above written particulars are true to the best of my knowledge

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