SABARINATHAN K

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https://github.com/sabarinathan-06

SKILLS

FRONT-END :
- HTML5, XML, CSS3, JavaScript, Bootstrap
- Dart- Flutter

BACK-END:
- C & Java (Basic)
- Python3 - NumPy, Pandas, SciPy, Flask
- Machine Learning Algorithms- NLP, Predictive and Cluster models using python
- SQL

DATABASE:
- MySQL
- MongoDB(Basic)

IDE:
- Android Studio
- VS Code
- Google Colab

CERTIFICATIONS

- Done Python, SQL certifications on HackerRank.
- Done a Python Essentials 1 & 2 issued by Cisco Networking Academy.
- Completed Data Structures Algorithm DSA | Python on Udemy.
- Completed Python Bootcamp | Learn Python Programming Masterclass on Udemy.
- Completed Python for OOP: The A-to-Z OOP Python Programming on Udemy.

EDUCATION

- Jeppiaar Engineering College, Chennai.
  B.E - CSE
  Currently Pursuing : 2022 - 2024
  CGPA - 8.3

- Adharsh Vidhayala Matric Hr Sec School, Tiruppur.
  HSC - 72.6%
  2019 - 2020

- Venkateshwara Matric School, Kanchipuram.
  SSLC - 83%
  2017 - 2018

OBJECTIVE

- Seeking a dynamic role within an organization to leverage my technical and managerial prowess for organizational advancement, while continually expanding my expertise in cutting-edge IT trends.

INTERNSHIPS

CognoRise InfoTech - PYTHON DEVELOPEMENT
- Internship where I worked on project Library Management, Real Digital Clock and Data Files Manager using Python programming.

The Sparks Foundation - APP DEVELOPEMENT
- Developed and implemented a user-centric frontend interface for a basic banking application, designed a secure database infrastructure to house essential user information, and record all transactional activities for 10 unique users.

CODEBIND TECHNOLOGY - WEB DEVELOPMENT
- Developed end to end web applications like Basic calculator and Simple Weather App using HTML, CSS, Node.js and MongoDB technologies.

PROJECTS

HUMAN DISEASE DETECTION APPLICATION:
- HealthCare Monitor is an innovative application leveraging deep learning to detect brain tumors, COVID-19, lung and skin cancers. Additionally, it calculates BMR, BMI, BP, blood volume, body fat, calorie intake/burn, water intake, cholesterol ratio, and heart rate.

BREAST CANCER PREDICTION MODEL:
- Led the development of advanced machine learning approaches to forecast breast cancer incidence, leveraging demographic, laboratory, and mammography data.

PYTHON MINI PROJECTS:
- Developed a backend for applications like Automatic Translation, Real Digital clock, Music Player, Video player, Data Files Manager and Library Management using OOPs.

BASIC FLUTTER PROJECT:
- Basic Banking App, Magic 8 ball, Bitcoin Ticker, Destini.

ACHIEVEMENTS

- Participated in Inter College hackathons.
- Paper presentation on " Acci Care " at MIT, Chennai.

SOFT SKILL

- Observation
- Decision making
- Communication
- Multi-tasking