Abhishek Thazhethe Kalathil

B-Tech UnderGrad

I am an avid learner and ambitious individual with a great passion for machine learning and app development. I am seeking a meaningful position in the industry in which I can put into practice my knowledge and experience, ultimately benefiting the operations of the organization that I work for.

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EDUCATION

Btech-Electronics and Computer Engineering
Vellore Institute Of Technology,Chennai
07/2018 - Present   *8.45 GPA*

CBSE Class 12
Akshara International,Pune
05/2018   *85.8%*

CBSE Class 10
The Orchid School ,Pune
05/2016   *9.8 CGPA*

PROJECTS

VITask - Companion App (05/2020 - Present)
- VITask is a dynamic service for managing academics in VIT University, Chennai Campus.
- Co-developed the mobile application using the **flutter** framework
- Its main task is to **fetch info** from the **custom api server** and service users in Apple Or Andriod
- Over 200 users
- https://play.google.com/store/apps/details?id=me.vitask.vitasklite&hl=en_IN

Cluniac-Chain : Blockchain with Chatbot Medical System (01/2021 - Present)
- The architectural design of a blockchain integrated medical system which can utilize chatbots to improve privacy and ease of use.
- Proposed a **consortium blockchain** model to store private medical records.
- Designed a **recommender system** to allocate the user to a prededfined cluster of hospitals.
- Submitted for publication in the International journal of machine learning and cybernetics

Enyo (08/2020 - Present)
- Developed a computationally inexpensive **Feistel block cipher** in python and published the same on PyPi
  https://pypi.org/project/enyo/
- Presented as a paper in **2nd International Conference on Communication and Intelligent Systems**.
- Pending publication in **SCOPUS Indexed Springer Book Series** - Lecture Notes in Networks and Systems.

APIfetch (09/2019 - 11/2019)
- APIFetch is a **Machine Learning based API server** with JSON-based APIs for features such as **Optical Character Recognition, Sentimental Analysis, Spam Filtering, and Gender Classification**.
- This project won the Open House exhibition at VIT Chennai for the course Principles of Software Engineering.

SKILLS

Android Dev Flask Machine Learning C++ Flutter HTML5 Dart JQuery OOP Deep Learning Bootstrap Python TensorFlow Java

ACHIEVEMENTS

Website Development , Vibrance , VIT Chennai (11/2018 - 02/2020)
Certificate for designing the official website

CLUBS

OWASP VIT Chennai
Community-Manager , Social Media team

LANGUAGES

English
Native or Bilingual Proficiency

Hindi
Full Professional Proficiency

Marathi
Professional Working Proficiency

German
Elementary Proficiency

Malayalam
Native or Bilingual Proficiency

HOBBIES

Reading Learning Languages Music