DAKSH PALERIA

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EDUCATION

Vellore Institute of Technology (VIT)   Vellore, Tamil Nadu
B.E. Computer Science and Engineering | CGPA: 8.25   *July 2019 – Expected July. 2023*

EXPERIENCE

Google Summer of Code 2021 – CDLI   Remote
Student Software Developer   *May 2021 – Present*
- I'll be working on project about preparing a dashboard that can show an admin the visual assets of the digital library.
- For adding, editing, deleting each artifact images using our archival images to serve as a source of better quality images.

Institute of Engineering And Technology (IET-VIT)   Vellore, TN
Core Committee Member   *June 2020 - Present*
- Bring to the table win-win survival strategies to ensure proactive domination.
- Attend committee meetings, carry out agreed actions set by the committee.

Team Fourth Dimension (TFD)   Vellore, TN
Technical Team Member   *June 2020 - Present*
- Attend team meetings. Partcipate in hackathons, coding challenges.
- Developing projects for the team and responsible to mentor juniors joining in team.

Cuneiform Digital Library Initiative (CDLI)   Remote
Open Source Contributor   *February 2021 - Present*
- The CDLI Framework is primarily used by scholars and students, but with growing numbers of informal learners.
- Worked on enhancing the current framework of CDLI.

CircuitVerse (CV)   Remote
Open Source Contributor   *February 2021 - March 2021*
- CircuitVerse aims to provide a platform where circuits can be designed and simulated using a graphical user interface. While users can design complete CPU implementations within the simulator, the software is designed primarily for educational use.
- Worked majorly on CircuitVerse (CV) Mobile App which developed using Flutter.

PROJECTS & ACHIEVEMENTS

Digital Library Management: GSoC '21 [Cake PHP, Docker, Maria DB, Python]   *July 2021*
- Preparing the dashboard for admins, super-admins to manage images. Adding, editing, deleting about the artifact images and maintain the public visibility of images.
- Running the python script on daily basis to update the database.

IET-VIT Mobile Application [Flutter, Firebase]   *February 2020*
- A flutter app developed to support iOS for the existing android app, to go live on app store.
- Login with E-Mail, Google or GitHub, update members with tasks, set up meetings and task for all members.

Liveline: Top 5 in VIT Hack 2020 [Flutter, Firebase, Flask, TensorFlow]   *October 2020*
- Predicting about the disease the user is suffering from, used ML Model as an backend.

The Patrollers App [Flutter, Firebase, Flask, CNN]   *March 2020*
- It is a system that we have come up with to suit the new requirements for a safe social gathering.
- Implemented machine learning models using flask and connecting them with frontend to make sure that social distancing is being followed.

RELEVANT SKILLS

Languages:	Python	C++| Javascript	Java	SQL	HTML/CSS	PHP	Dart
Lib/Frameworks:	Flutter	Flask	jQuery
Platforms:	Linux	Web	Windows	Heroku
Tools:	Git on GitHub/GitLab	MySQL	Firebase	Docker	Cloud Databases

VOLUNTEER EXPERIENCE

Coordinator HackOff v3.0	A 36 hour long Hackathon conducted by IET-VIT and MLH with over 3000+ participants.
Mentor at TFD	Mentor juniors at TFD for app dev domain, open source.