

SANJIVY KUMARAVEL

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EDUCATION

Bachelor of Technology (Information Technology)

2018 - 2022

Pondicherry Engineering College, Puducherry

CGPA : 8.45/10

CBSE, Class XII

2017 - 2018

The Study, Puducherry

CGPA : 8.20/10

EXPERIENCE

Software Engineer at Striim, Chennai

July 2022 - Present

Striim is a distributed data integration and intelligence platform that also offers a cloud-based fully managed SaaS platform on all three CSPs (GCP, Azure, AWS). In my role, I contributed to the feature project that involved integrating Azure private link with Striim SaaS platform. Additionally, I provided assistance to the team by extending their internal release management tool and writing fault-tolerance API workflows using Uber Cadence, Golang (gin framework) for both Azure and GCP. I also worked on other minor bug fixes.

Software Engineer Intern at Striim, Chennai

January 2022 - July 2022

Have been part of the SaaS team. Worked on a microservice-based architecture related to backend automation in GoLang, Cypress & some manual UI testing and implemented the design to upload the test results as a report to Jira's X-Ray.

Python Instructor at Ocean Academy, Puducherry

October 2021 - May 2022

As a Python Instructor, I taught students the fundamentals of Python programming language along with its web-framework Flask. Through my guidance, students gained a strong understanding of the language and were able to develop practical skills for real-world applications.

MLOps Intern at Yuvabe, Puducherry

June 2021 - September 2021

Helped the team in writing FastAPI wrappers for their existing ML model scripts and deployed them in Google Cloud Run, also made a front-end in ReactJs for displaying the inferences.

Software Developer Intern at Ilahi Technologies, Puducherry

December 2020 - April 2021

I was responsible for developing Android and web apps using Flutter for client projects. During my tenure, I worked on three Android apps and a web app for admin panel. Through my work, I gained valuable experience in app development and honed my skills in Flutter and Firebase. My contributions helped Ilahi Technologies to deliver high-quality solutions to their clients.

SKILLS

Python, Flutter, Go, Flask, FastAPI, Git, REST API, L^AT_EX, GCP.

PROJECTS

Driver Drowsiness System

For my final-year project, I contributed to the development of an Android app and the collection of datasets for the model. Using image extraction from driver videos, we were able to build a robust system to detect drowsiness in drivers. We utilized Flutter for the app's user interface and implemented Python for the backend. Our project has successfully created a tool to help prevent accidents caused by driver fatigue.

PyCare API

I led the development of the Pudhuvai Care app and its REST API for the Puducherry Health Government. Our college's tech club utilized Flutter for the app's UI and Python's FastAPI framework for the backend, which I deployed on Heroku. The project provides an efficient way to track hospital details in Pondicherry.

Tech used Flutter, Python (FastAPI), Heroku

Sharestapp

An android app that lets Instagram user to share and save posts directly.

Tech used Flutter

Movie Style Fonts

A web app from which users can generator movie poster font style with their name/text.

Tech used Flutter, HTML, CSS, JavaScript (P5js library)

Social platform Bots

- Instagram bot
This bot posts random quotes every hour. The quotes are scraped from web and saved in a database.
Tech used Python (PIL, BS4), Heroku, MongoDB
- Twitter bot
This bot tweets back an animated snowfall GIF when someone tags it with a photo.
Tech used Python (PIL, tweepy), Heroku

ACCOMPLISHMENTS

Website design

Awarded 1st prize in online 24hrs web designing challenge conducted by Kalasalingam Academy of Research and Education.

Android app development

Awarded 3rd prize in National Level Android app development contest conducted by Saveetha Engineering College.

Code-a-thon

Awarded 2nd prize in Inter-college Technical Symposium conducted by department of CSE, Pondicherry Engineering College.

Code-a-thon

Awarded 3rd prize in Inter-college Technical Symposium conducted by department of CSE, Pondicherry Engineering College.

LINKS

Github, Portofolio, Play Store, Hackerrank, Instagram.

LANGUAGES

Tamil, English.

PERSONAL SKILLS

Problem solver, Fast learner, Interactive person, Leader, Instructor.