Sashank Visweshwaran

A fresher who has special interests in software development and cloud technologies

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EXPERIENCE

Quadrobay, Chennai — *Intern*

December 2020 - January 2021

Developed a full stack cross platform application which served users with details of POIs (Point of Interests) with crowd-sourced information

Stack used: Flutter, NodeJS, MongoDB

EDUCATION

Amrita Vishwa Vidhyapeetham, Coimbatore — *B.Tech*

2018-2022

Computer Science Engineering
- CGPA: 8.64 /10

Chennai Public School, Chennai — High School

2016-2018

Class 12: 432/500 (86.4%)

Class 10: 9.6/10

RESEARCH EXPERIENCE

Cloud Workload Clustering

A study to improve resource allocation for jobs submitted to the cloud. This can significantly reduce energy consumption thus lowering costs for the provider. The study is now published in IEEE Xplore.

SKILLS

- Flutter (Dart)
- ReactJS
- NodeJS + Express
- Java
- Python
- MySQL
- Firebase

LANGUAGES

English, Hindi, Tamil, Malayalam

PROJECTS

Android Toolbox

A desktop application which uses ADB behind the scenes to remotely manage and use hidden functions in Android devices. One of its many features include transferring files at the fastest speeds overcoming multiple API overheads.

Framework used: Flutter

Fallback

An Android app to store backup keys securely. Supports cloud syncing keys in a fully encrypted format. Users also have an option to make encrypted local backups.

Framework used: Flutter, Firebase

Faculty Dashboard

This application was developed with the PWA (Progressive Web App) principles in mind to allow teaching faculty to manage their leaves and more.

Stack used: MERN (MongoDB, Express, ReactJS, NodeJS)