



# Sudhakar Ramasamy

## Senior Software Engineer

with ~6 years of experience in Research, Design and Development of various Client and Server Applications.

✉ mailingtosudhakar@gmail.com

📧 sudhakar3697.github.io

🐙 github.com/sudhakar3697

☎ +91-7010524596

🌐 linkedin.com/in/sudhakar3697

📄 stackoverflow.com/users/12167785/sudhakar-rs

## WORK EXPERIENCE

### Software Senior Engineer Dell Technologies

07/2022 - Present

Bengaluru, India

### Software Engineer 2 Dell Technologies

04/2021 - 06/2022

Bengaluru, India

### Software Engineer 1 Dell Technologies

07/2018 - 03/2021

Bengaluru, India

### Intern Dell Technologies

01/2018 - 06/2018

Bengaluru, India

### Industrial Intern Superfect Solutions

06/2017 - 06/2017

Coimbatore, India

## PROJECTS

#### Dell Apex Managed Device Service [🔗](#)

aaS solution to provide managed IT (Node.js, Cosmos DB, Azure Serverless, Java, Spring, MongoDB, MySQL)

#### Cloud-hosted workspace

A "workspace solution" delivered as-a-Service (Electron.js, TypeScript, GraphQL, Prisma)

#### Dell Hybrid Client - Cloud-aggregated File Explorer [🔗](#)

Cloud-aggregated File Explorer-(Node.js, Express, Electron, SQLite, Sequelize, Server-Sent Events, REST API)

#### Dell Hybrid Client - Azure Virtual Desktop Linux Remote desktop Client [🔗](#)

An app to configure/access remote connections (Electron.js, Express.js, SQLite, Sequelize, REST API)

#### Dell Client info application

A cross-platform application to show information and configure a few settings (Electron.js, HTML, CSS, N-API addons with C++, C#)

## EDUCATION

### B.Tech Information Technology

Vellore Institute of Technology, Vellore, India [🔗](#)

07/2014 - 04/2018

8.92/10

## SKILLS

JavaScript

TypeScript

Node.js

Express.js

Java

Spring MVC

REST API

GraphQL

SQL

NoSQL

Serverless (FaaS)

Kafka

PWA

## PATENTS

CONTEXT-BASED INTELLIGENT PLACEMENT OF FILES IN AGGREGATED CLOUD STORAGE US 18/164670 (02/2023)

INTELLIGENTLY ASSOCIATING A FILE WITH AN APPLICATION US 18/049520 (10/2022)

LOGGING IN TO MODERN WORKSPACES USING DIFFERENT CLOUD IDENTITY PROVIDERS AND SINGLE SIGN-ON US 18/047971 (10/2022)

PROVIDING ACCESS TO FUNCTIONALITY OF A WEB APPLICATION VIA MICROAPPS US 18/047975 (10/2022)

## PERSONAL PROJECTS

#### node-clipboard-event [🔗](#)

Clipboard change event for Node.js/Electron.js/NW.js

#### node-detect-usb [🔗](#)

Detect USB and get mount points/paths

#### Our Clipboard [🔗](#)

A Cloud Clipboard using Firebase Firestore

## ACHIEVEMENTS

Dell Inspire Recognition: Received every year (2023, 2022, 2021, 2020, 2019, 2018).

Dell Client Solutions Hackathon: Participated every year and won awards globally & regionally.

Dell Avishkaar (An innovation competition): Participated every year and won awards globally & regionally.

Admission to the B.Tech IT program under the STARS Scheme at Vellore Institute of Technology, Vellore, Tamil Nadu, India.

Passed the Tamilnadu Rural Students Talent Search Exam (TRuST) conducted by the Government of Tamil Nadu in 2011.