Sudhakar Ramasamy

Senior Software Engineer

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

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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)

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 B.Tech IT under VIT STARS-2014 programme Vellore Institute of Technology, Vellore, Tamil Nadu, India

Passed the Tamilnadu Rural Students Talent Search Exam (TRuST) in 2011 Government of Tamil Nadu, India