Sudhakar Ramasamy

Senior Software Engineer

with ~5 years of experience in 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

Projects
- Management Suite - A hybrid cloud solution to centrally manage clients (Java, Spring, MongoDB, MariaDB)
- Modern Workspace - A Cloud-hosted workspace (Electron.js, Vue.js, TypeScript, GraphQL, Prisma)

Software Engineer 2
Dell Technologies ↗

04/2021 - 06/2022   Bengaluru, India

Projects
- Cloud Aggregated File Explorer - File explorer with cloud drives integrated (Node.js, Express, Electron, React, Antd, SQLite, Sequelize, Server-Sent Events, REST API)
- Azure Virtual Desktop Linux Client - Remote desktop Client for Azure/Windows Virtual Desktop for Linux (Electron.js, Express.js, SQLite, Sequelize, Server-sent Events, REST API)

Software Engineer 1
Dell Technologies ↗

07/2018 - 03/2021   Bengaluru, India

Projects
- Dell Hybrid Client - The world's first client computing software with hybrid cloud management enabling seamless access to applications and data whether they are in the cloud, in the data center or locally in a ready to deploy commercial solution. ↗
- AD Authenticator (PWA) - Progressive Web App to authenticate Active Directory users and generate OTP using a token server (Node.js, HTML, CSS, JS, LowDB, REST API)

Intern
Dell Technologies ↗

01/2018 - 06/2018   Bengaluru, India

Projects
- Development of a Cross-platform Desktop app - Electron (HTML, CSS, Bootstrap, Node.js, C++ (Native Node Addons using N-API), C#)
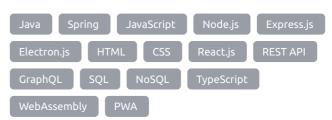
EDUCATION

B.Tech Information Technology
Vellore Institute of Technology, Vellore, India ↗

07/2014 - 04/2018   8.92/10

SKILLS

Java   Spring   JavaScript   Node.js   Express.js
Electron.js   HTML   CSS   React.js   REST API
GraphQL   SQL   NoSQL   TypeScript
WebAssembly   PWA

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-WINNING TOGETHER (04/2022)
For the contribution to the Dell Hybrid Client

Dell Inspire Recognition-WINNING TOGETHER (11/2021)
For Azure Virtual Desktop (AVD) Client integration in Dell Hybrid Client v1.6

Global Runner-up in Dell Avishkaar (Innovation) (09/2021)

Dell Inspire Recognition- INNOVATION (11/2020)
For the Dell Cloud mode PoC

Global Runner-up in Dell Hackathon (10/2020)

Dell Inspire Recognition-RESULTS (04/2020)
For the Cloud services integration design of the Dell File Explorer

Global Runner-up in Dell Avishkaar (Innovation) (12/2019)

Dell Inspire recognition-WINNING TOGETHER (08/2019)
For the Dell File Explorer PoC

Global Runner-up in Dell Hackathon (05/2019)

Regional Runner-up in Dell Avishkaar (Innovation) (11/2018)

Dell Inspire recognition-WINNING TOGETHER (10/2018)
For the Memory throttler PoC & quick turnaround in understanding coming up with a PoC for the common codebase