

Saravanakumar A

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Experience

Full time

May 2022 - Present

Software Developer,

Aroopa Technologies Pvt. Limited, Chennai

- Everyday responsibilities include developing new features using Node JS that features will be research and development, analyzing existing code patterns and optimizing it ,fixing critical bugs, supporting application scaling, participation in UAT and performance tests, deploying applications to pipelines.
- Migrate UI (React) And API (Express App) change into Node version 14LTS to 18LTS (2 Project completed).
- Working on full stack applications with React JS for front-end and Node JS with PostgreSQL for back-end, managed by Azure Dev-Ops.
- Reviewing packages for some features and implement in our project as better performance and writing code will be optimized and everyone can understandable with command lines.

Projects:

- 1) Insurance based project.

Working Modules:

- 1) File system using create a folders and upload files like our windows folder structure.
Schema design and back end rest API and clean code and optimized code and error handling.
- 2) Microsoft graph API - Web hook using once the mail dropped in inbox means we automatically read the content and read the attachments and converted into PDF and store in blob storage.
- 3) Azure Blob storage - Upload a large amount of files in azure blob storage with minimum time duration.
- 4) Google map - Google map using find the location and distance between the two points and capture the route between the two points as image file.
- 5) OCR - optical character recognition.
Read the PDF, docx, image files and extract the text and find the information and stored into the database.
- 6) Google map api using calculate the distance between 2 points and get the fastest and no-traffic route find update the details in blob and store the URL in database.
- 7) Upgraded the project Node.js version in current Node.js LTS version.
- 8) Understanding the Node.js core modules and implemented in this project.
- 9) Maintain the clean code and clean comments for the code and optimized code writing.
- 10) Database schema design for new features and flows.
- 11) Quick debugging and analyze the code quickly.

2) Warehouse Management System

Warehouse management system and drop shipping the products.

Working Modules:

1) Socket

Implemented real time communication between client and server architecture.

2) Ag-grid (React) - Customized table.

3) PostgreSQL schema design.

4) Read the imported CSV file and extract the CSV file data and stored into database.

Internship

Software Development Engineering Intern,

Aroopa Technologies Pvt. Limited, Chennai

- Worked as a React.js developer and Node JS back-end developer.

Publish NPM Package

NPM Name - google-map-js

Published on April 2023

<https://www.npmjs.com/package/google-map-js>

This package is used to obtain the distance between two points. The distance is calculated using Google Maps, and a visual representation of the distance route is also available. Additionally, it provides the exact address, latitude, and longitude of the location.

NPM Name - configure-express-app

Published on Sep 2023

<https://www.npmjs.com/package/configure-express-app>

If you use the command `npx configure-express-app` in Visual Studio Code or the terminal, it will create a basic setup for a Node.js project with an MVC structure. It will also include pre-loaded code for a basic REST API and automatically install certain modules as part of the setup process.

Education

Master of Computer Application

PSG College of arts and science, Bharathiyar University.

2020 - 2022

CGPA - 8.7

Bachelor of Computer Application

Nehru Memorial College, Bharathidhasan University.

2017 - 2020

CGPA - 7.8

State Board of Higher Secondary Education, Tamil Nadu

Government Higher Secondary School

HSC - 57.9%

2015 - 2017

SSLC - 79.5%

2015

Projects (Individual college final year project)

Voice recognized website automation - AI

Jul 2021 - Feb 2022

Successfully completed the psgcas.ac.in website as voice based controlled system
Implemented successfully - Python language to be used.

Online feedback application for my college & Gandhi's 100 days workers records keeping system

Jul 2019 - Dec 2020

A web application created using HTML, CSS, JavaScript, and
PHP for back end processing.

Skills

General: Full-stack development,

Languages: JavaScript

Frameworks & Libraries: React.js(Basic), Node JS, Express JS

Modules: Socket, Azure blob storage, File system, Rest API, Postman, JWT Auth

Databases: PostgreSQL, MongoDB

Certificates

1) SQL (basic) hacker rank

<https://www.hackerrank.com/certificates/iframe/a616c306123f>

2) NPTEL (Cloud Computing and Distributed System)