

## Objective

Detail-oriented software developer with expertise in Golang, adept at problem-solving and collaborating in agile environments. Seeking a software engineering role where I can contribute my strong analytical skills and commitment to quality code to develop robust applications and contribute to organizational growth.

## Contact

### Phone

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### Email

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### Website

vigneshmani.com

## Education

### Bachelor of Technology:

### Computer Science and Engineering

SRM University, Chennai, Tamil Nadu

August 2012 to June 2016

## Expertise

- Go
- C# (.NET)
- Node.js
- MongoDB
- AWS / Google Cloud Platform
- HTML, CSS, React
- Java
- Python
- Docker
- Kubernetes

## Certifications

- Object-oriented programming with Java, part 1 by University of Helsinki (March 2020)
- Object-oriented programming with Java, part 2 by University of Helsinki (March 2020)
- Full Stack Open by University of Helsinki (August 2021)

# Vignesh Mani S

## Software Developer

## Experience

### Senior Software Engineer

Siemens, Chennai, Tamil Nadu

September 2023 to Present

- Developed a scalable and efficient server-side Energy Star integration from scratch, into an energy monitoring and management app, for keeping track of compliance with energy standards. This involved developing and incorporating APIs using Go, and various AWS services for uploading real-time energy consumption data, ensuring adherence to Energy Star guidelines.
- Owned a major BFF service that performs signal data arithmetic by integrating different data sources for its calculation using C# (.NET).
- Collaborated with team members on architectural design, contributing to the overall system architecture and ensuring alignment with project goals and technical requirements.

### Senior Software Engineer

Skud, Remote

November 2022 to June 2023

**Contract: Backend Engineer at Gojek** under the Transport wing.

- Worked on backend-for-frontend services that directly impacted the pricing and the voucher system of the Transport wing.
- Developed new features to enable sponsors to advertise and experiment with the utilization of their vouchers/services directly on the transport estimation screen.
- Triaged bugs, added new unit tests and system integration tests and maintained existing APIs in the related microservices.
- Served as part of a monthly on-call rotation, which required me to be available for urgent issues on a 24/7 basis for one week per month.
- Contributed to the development and maintenance of in-house libraries that were utilized across projects within the company.

### Backend Engineer

Kawa Space, Bangalore, Karnataka

May 2022 to October 2022

- Assisted in moving APIs to utilize Google Cloud Run, and the deprecation of Apache Airflow from the system architecture.
- Setup the CI/CD on Github Actions for the build flow of APIs.
- Created observability of metrics of API performance on Grafana and Google Cloud, along with setting up of alerts.
- Created services for APIs on Google Cloud Run and Pub/Sub services.

### Associate System Engineer

VueData Technologies, Chennai, Tamil Nadu

September 2021 to April 2022

- Worked on the backend for the development of a Content Management System web application and an e-commerce app utilizing the MERN stack (MongoDB, Express, React, Node.js).
- Responsible for a transcription service app that uses Amazon Transcribe to train and convert the audio files.

### Systems Engineer

Infosys, Bangalore, Karnataka

July 2016 to December 2017

- Created and maintained automated test scripts for Arris International and AT&T DirecTV accounts, using the Selenium and TestNG libraries with Java, and the QF-Test tool with Python, for their multimedia streaming process.