

# MURUGAN R

## Personal info

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## Primary Skills

### GOLANG



### PHP



### SQL, MYSQL



### HTML, CSS 3



### React JS



FRAMEWORKS: CODEIGNITER,  
LARAVEL5, Micro services,  
GIN,Terraform, NEST JS (Node JS)

CLOUD-SERVICES: AWS, Azure

CLIENT-SIDE: HTML, CSS, Bootstrap,  
JavaScript, jQuery, React Js, JSON, XML

APPLICATION SERVERS: IIS, XAMPP,  
Apache, NGINX

PRACTICES: Unit testing, Agile Scrum,  
CI & CD

BACK-END: MS SQL server 2012,  
PostgreSQL, MYSQL, Dynamodb, Elastic  
Search, Druid, GraphQL, Rest API, Open  
API

TOOLS: Visual Studio Code,  
Sublime, Git, SVN, TFS, Jira,  
Vagrant, Docker, Sonar cloud, Sonar  
Cube and Jenkins, Kubernetes

Message Broker Tools: NATS,  
SNS,SQS, RabbitMQ

## Professional Summary

Full-stack backend developer with 11+ years of experience in handling end-to-end designing, developing and maintaining enterprise-level web applications.

## Employment history

Lead Engineer, Msys Tech India Private Limited. [Nov. 2022 – Present](#)

Senior Tech Lead, HCL Technologies. [Aug.2021 – Nov.2022](#)

Senior Associate Engineer, EMIS Health India Pvt Ltd. [Sep.2016 – Aug.2021](#)

Software Engineer, India Property Online Private Limited. [Feb.2015 - Sep.2016](#)

Software Engineer, Reckon coders Informatics Pvt Ltd. [Feb. 2011– Feb.2015](#)

## Projects

### 1: HPE Green Lake - DSCC

#### Description:

HPE Data Ops Manager allows customers to manage their fleet from anywhere - simplifying infrastructure operations with cloud agility. Delivering global unified management, enabling customers to manage data infrastructure across edge to cloud from a single web interface.

TOOLS: Golang, GraphQL, Postgress, Druid, NATS, Apache Kafka, NGINX, Elastic Search,Docker, k8s

#### Performance:

- Developed REST- based API in an agile environment
- Implementing the GraphQL changes align with REST API, developing business Logic and align with HPE v3 spec from the concord.
- Initiated and mandated unit tests for Kubernetes with CI/CD Pipeline.
- Coordinating with product, architect teams and gathering the requirements and create the high-level user stories and bring those in sprints
- Design clean architecture pattern in Golang, effectively used in the code base.

### 2: Everi – Digital Gaming Platform

#### Description:

The Everi Digital Gaming Platform is a core system on promise mobile real money Wager offering and casino offering developed by fin core partner-based CMS system which is currently integrated with Everi RGS and Everi Wallet and loyalty systems.

TOOLS: Golang, MongoDB, Postgress, GIN, NATS, NGINX, Elastic Search, Docker, k8s

#### Performance:

- Developed REST-based API in an agile environment
- Initiated and mandated unit tests for Azure dev ops CI-CD pipeline
- Implementing Database changes, developing business logic
- Coordinating with product, architect teams and gathering the requirements and create the high-level user stories and bring those in sprints
- Creating the developer technical documentation
- Using check matrix integration for static code analysis like bugs and code vulnerabilities

### 3: NHSMail Integration

#### Description:

NHSMail Integration is a platform and application feature within Integrated Document Management. This allows organizations to configure mail accounts they would like to integrate with IDM, once configured, any new emails received into the configured mail accounts will automatically be processed and an unmatched document task will be created for the users to the workflow.

**TOOLS:** Golang, AWS Step functions, Lambda, DynamoDB, SNS, SQS, ECS, Docker

#### Performance:

- Developed REST-based API in an agile environment
- Initiated and mandated unit tests for Jenkin CI-CD pipeline improved overall code coverage to 90% and checking the continuous inspection of code quality using sonarQube static code analysis like bugs code smells, vulnerabilities, code duplication's etc.
- Create an AWS infrastructure as code using AWS-CDK
- Design clean architecture pattern in Golang, effectively used in the code base
- Lead the design and development of the API with Golang, AWS Lambda, Dynamodb, KMS, SQS, API Gateway, AWS Secrets Manager, ECS etc.

### 4: Message Broker

#### Description:

The Message Broker module is a centralized generic service to process messages from disparate sources into, and out of, the EMIS-X platform.

**TOOLS:** Golang, SNS, SQS, Lambda, DynamoDB, Docker

#### Performance:

- Owned and delivered several feature developments in modules across Application.
- Implement various lambda developments in golang and Ensure 90%+ code Coverage in the unit testing.
- Developed AWS Message Broker concepts in an agile environment with Golang, AWS Lambda, SQS and SNS etc.
- Automated END-to-END Behavior testing with Python, boto3 and behave Framework.

### 5: India Property

#### Description:

India property is one of the simplifying property buying & selling, India's No.1 Property portal. Property seekers discover properties & make an informed choice Through a wealth of market information. Property sellers by making property selling Online simple, fast & easy through innovative marketing solutions

**Tools:** PHP, Laravel, HTML, CSS

#### Performance:

- Developed PHP & MySQL applications as per the specifications, Keeping track of website visits, updating new content displays on view page as well as the revenue based enquiry module.
- Coordinating with team members in developing database structure, Coding, Code review and refactoring, Module integration, Defect fixes.
- Closely worked with product owners to get the requirements and project flow

## Education

Sasurie College Engineering College, Tamil Nadu, Anna University  
**BE, Electronics & Communication Engg, Graduated 2010 with 72%**

Completed HSC from State Board of Tamilnadu in Government Higher Secondary School, during the year of 2006 with 77%.

Completed SSLC from State Board of Tamilnadu in Government Higher Secondary School, during the year of 2002 with 83%.