



## Contact

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### Links

#### LinkedIn

<https://www.linkedin.com/in/chamara95/>

#### GitHub

<https://github.com/Chamara-g>

#### Portfolio Link

<https://gihan.orizel.com/>

## Skills

### Programming Languages

- Java, Python, Node.js

### Web Technology

- React.js, Typescript, HTML, CSS, JS, AJAX

### Databases

- MYSQL, ORACLE DB

### Other

- Aws, Docker

## Language

English

Sinhala

# Chamara Gunarathne

React.js | Java | Python | Node.js | MySQL | OracleDB | Machine Learning

I am a Full-stack Engineer with a dedicated, and well-organized individual seeking an opportunity to continue working on Web Development and Data Science with the aim of introducing innovative ideas for the betterment of not only the Engineering field but also the community.

## Experience

### Sep 2022 - Present

Atlacarte | London, England (Remote)

#### Full Stack Engineer

- Provided prompt solutions to integrate Oracle Symphony API with the current Atlacarte Venue Management system.
- Implementing AI-based Ordering feature by connecting ChatGpt with Atlacarte APP.
- Implemented a design and developed a solution for APP deployment using AWS Elastic Beanstalk, Route 53, and CloudFront.
- **Technologies:** React.js, Typescript, PHP, Docker

### Feb 2022 - Feb 2023

XGen Group (Pvt) Ltd | Colombo, Sri Lanka (Hybrid)

#### Full Stack Engineer

- Using **Factory design Pattern** Developed an Authentication Module with Password-based, Multi-factor, Certificate-based, Biometric, and Token-based authentication types.
- Designed and developed a Document management module to utilize for Chunk File upload, File Preview, and File Archive History features.
- Implemented a Communication Module to use for Email Job Handling and SMS Job Handling in the system.
- **Technologies:** Node.js, React.js

### Jan 2020 - Feb 2022

Bueno Incorporated | Miami, Florida, USA (Remote)

#### Full Stack Engineer

- Designed the VIDA Web APP(Apartment Booking Application) which is used for the sale of around 135 units.
- Supervising team with more than 5 software engineers during the development of the VIDA application.
- Developed a Spring Boot REST API for retrieving Hotel data, and tour booking details from 7 plus GDSs(Global Distribution Systems).
- To use for Employees, Developed Invoice Generator APP which generates more than 1500 invoices per month, and sent more than 2000 emails per month.
- **Technologies:** Java, Spring Boot, React.js, Node, Python, PHP.

## Education

### Dec 2015 - Jul 2020

Faculty of Engineering - University of Peradeniya, Sri Lanka

#### BSc Engineering (Hons) in Computer Engineering

The degree was conducted and assessed in English and accredited by Washington Accord.

# Projects and Research

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## VIDA APP

Use for Apartment Availability checking and Booking.

### Responsibilities:

- Designed and Developed an Application with, Realtime Availability checking and reservations of Apartments.
- Implemented a feature to automatically change the Unit prices to increase sales from around 10%.
- **Technologies:** React.js, Typescript, Java, Spring Boot, VS Code, IntelliJ, MySQL, Postman, GitHub, Git

## Travel Booking Engine Web APP

Travelers can plan their Travel Vacation, Get Real-Time details about more than 1000 Hotels, and 10 plus Cruise details, and Book them.

### Responsibilities:

- Project Architecture Planning.
- Project Database Planning.
- Designed and implemented the user interfaces.
- Implmented Backend Rest API to retrieve data from GDS(Global Distribution System).
- **Technologies:** Java, Spring Boot, React.js, VS Code, IntelliJ, MySQL, Mysql work bentch, phpMyAdmin, Postman, GitHub, Git, Windows 10.

## CRM System Web APP

Capture more than thousands of Leads, Google ads details, and Manage Leads.

### Responsibilities:

- Integrate Google Ads API with the back end.
- Developed an Active directory Module to handle all Authentication and Authorization.
- **Technologies:** React.js, Typescript, Java, Spring Boot, VS Code, IntelliJ, MySQL, Postman, GitHub, Git

## GeNet: A Web based Microarray Gene Expression Analysis Tool (2020)

A web application with a user-friendly interface that could be used for the hassle-free analysis of microarray gene expression data. It facilitates the preprocessing, visualization, clustering, feature selection, analysis, prediction and validation of the results related to microarray data.

### Responsibilities:

- Developed Data preprocessing, and visualization backend.
- Developed backend for prediction and validation of the results related to microarray data.
- **Technologies:** Python, Flask, JQuery, MySQL, AJEX, R, Google Colaboratory

<https://genet.orizel.com/>

<https://ieeexplore.ieee.org/document/9185336>

## Competitions

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- Data Storm 1.0 | Final 21, Competition on Advanced-Data Analytic (29th Feb 2020)
- Brainstorm 2019 | Final 10, Biomedical Engineering Design Competition (7th Dec 2019)
- iHack 5.0 | 2nd Place, Share ride mobile app (26th Oct 2019)
- ACES Coders v7.0 | 16th Place, Competitive coding contest (15th Dec 2018)

## Contributions

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- Web Master - Association of Computer Engineering Society. (2019-2020)
- Mentoring in Association of Computer Engineering Society Hackathon (2019)
- Mentoring in Young Inventors Competition in Department of Computer Engineering, University of Peradeniya (2017)
- Thunder Cricket Club member (2018-2019)
- Associate Engineer of the Institution of Engineers Sri Lanka, IESL (2020 - present)
- Student member of the Institution of Engineers Sri Lanka, IESL (2017-2019)