



# Kavindu Chamiran

✉ kavinduchamiran.15@cse.mrt.ac.lk

☎ +94 77 86 06 656

🌐 [linkedin.com/in/kavindu15](https://linkedin.com/in/kavindu15)

🌐 [kavinduchamiran.me](https://kavinduchamiran.me)

🌐 [medium.com/@kavinduchamiran](https://medium.com/@kavinduchamiran)

## Education

### B. Sc. Engineering (Hons)

CGPA 3.57 out of 4.2

University of Moratuwa,  
Sri Lanka

### Coursera.org

Going Cloud-Native

Building Serverless Applications

## Skills

### Programming Languages

JavaScript / Python / C++

PHP / HTML / CSS

### Frameworks

NodeJS / React / React Native

Angular / jQuery / Laravel

### Cloud & DevOps

AWS / Google Cloud / Firebase

Docker / Kubernetes

### Databases

MySQL / MongoDB / Redis

## Interests

Cloud Computing

Cyber Security

Natural Language Processing

Information Retrieval

## Soft Skills

Public Speaking

Leadership and management

Teamwork and collaboration

Creativity and problem solving

## About Me

A hard-working individual with a passion to learn and explore new technologies while being a competent developer who strives for excellence beyond completing tasks. Curious, Committed and Confident. Loves the cloud and cyber-security.

## Experience

### 2015 - Present

#### Freelance Software Developer

Web development / Software development /

Mobile app development

### 2018 June - 2018 December

#### Trainee Software Engineer | Zeptolytics Pvt. Ltd.

MEAN Stack / AWS / Redis / Microservices

### 2018 Jan - 2018 May

#### Open Source Developer | MuseScore

C++ / Qt / PHP

### 2015 - Present

#### Entrepreneur | Digital Marketing

Social Media Marketing / SEO

## Awards

### IEEEExtreme 11 | 2017

Island Rank - 25 | Global Rank - 334 / 2000+

### IEEEExtreme 12 | 2018

Island Rank - 33 | Global Rank - 481 / 2000+

## Extra-curricular Activities

P&OMC of Gavel Club - UoM

Member of OC - CSE Career Fair 2019

Member of OC - ACM Students' Chapter

## Projects

### Web table columns annotation using Supervised Learning | FYP @ UoM

This algorithm can assign each column in a web table, a label from DBPedia ontology which describes the kind of data the column contains using supervised learning. A novel approach has been taken which was not used in recent literature.

[github.com/kavinduchamiran/fyp2](https://github.com/kavinduchamiran/fyp2)

Technologies: Python / TensorFlow / Google Cloud

### Lyrics Editor for MuseScore | Open Source

An easy to use lyrics editor for MuseScore music score-writing software with built-in spell checking, automatic hyphenation and one-click lyrics sharing.

[musescore.org/en/node/268295](https://musescore.org/en/node/268295) | [github.com/kavinduchamiran/MuseScore](https://github.com/kavinduchamiran/MuseScore)

Technologies: C++ / Qt / PHP

### CloudL | Online torrent downloader

Convert torrents to direct links for fast download. Deployed on Kubernetes for high availability and scalability. Configured CI / CD pipelines set up for automation.

[gitlab.com/kavinduchamiran/cloudl](https://gitlab.com/kavinduchamiran/cloudl)

Technologies: React / NodeJS / Python / Kubernetes / GitLab CI

### High speed Redis caching for MongoDB documents | Internship

Speeds up data processing by temporarily caching MongoDB NoSQL documents as Redis in-memory key-value storages. Moves the data aggregation functions from MongoDB to Redis and cleans up the cache once the data is processed.

Technologies: Python / Redis / MongoDB

### Voice controlled mobile app for easy data querying | Internship

Ask questions about your data in natural language and it will be converted to a query, then processed and the final results will be delivered to you, right to your mobile phone and if the user prefers, results will be spoken back.

Technologies: React Native / Google Cloud / Firebase

### AccomodateME | Auction site for boarding places

Place an ad to sell boarding places or search using proximity, cost, space and many more to buy boarding places. If there are multiple buyers, let them place bids and sell to the highest bidder. Pay the security deposit right on the website.

Technologies: Bootstrap / PHP / MySQL

## References

Dr. Uthayasanker Thayasivam  
Senior Lecturer  
Department of CSE,  
University of Moratuwa, Sri Lanka.  
Email: [rtuthaya@cse.mrt.ac.lk](mailto:rtuthaya@cse.mrt.ac.lk)

Suresh Sandirasegaram  
Chief Technology Officer  
Zeptolytics (Pvt) Ltd  
Sri Lanka.  
Email: [suresh@zeptolytics.com](mailto:suresh@zeptolytics.com)