



Kavindu Chamiran

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Education

B. Sc. (Hons) in Engineering

CGPA 3.56 out of 4.2

University of Moratuwa,
Sri Lanka

Skills

Programming Languages

Python / JavaScript / C++
PHP / HTML / CSS

Frameworks

NodeJS / React / React Native
Angular / jQuery / Laravel

Cloud & DevOps

AWS / Google Cloud / Firebase
Docker / Kubernetes

Databases

MySQL / MongoDB / Redis

Misc

Photoshop / Premiere
Photography / Gaming

Interests

Cloud Computing
Cyber Security
Natural Language Processing
Information Retrieval

About Me

A hard working individual with a passion to learn and explore new technologies while been self-sufficient to complete all assigned tasks with the best of my ability. Founder of a successful digital marketing start-up.

Experience

2014 - 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+

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

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 | github.com/kavinduchamiran/MuseScore

Technologies: C++ / Qt / PHP

High speed Redis caching for MongoDB documents | Internship

Speeds up data processing by temporary 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 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 key-money right on the website.

Technologies: Bootstrap / PHP / MySQL

Extra-curricular Activities

P&OMC of Gavel Club - UoM

Member of OC - CSE Career Fair 2019

Member of OC - ACM Students' Chapter

References

Eng. Dr. Indika Perera

Senior Lecturer

Department of CSE,

University of Moratuwa, Sri Lanka.

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Soft Skills

Public Speaking

Leadership

Team work

Creativity

Dr. Surangika Ranathunga

Senior Lecturer

Department of CSE,

University of Moratuwa, Sri Lanka.

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