Kavindu Chamiran

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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 / Python / AWS / Redis / Microservices

2018 Jan - 2018 May
Open Source Developer | MuseScore
C++ / Qt / PHP

2015 - Present
Entrepreneur | Digital Marketing
Social Media Marketing / SEO

Awards

IEEEXtreme 11 | 2017
Island Rank - 25 | Global Rank - 334 / 2000+

IEEEXtreme 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 columns in a web table, a label from DBPedia ontology which describes the kind of data the columns contain 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

CloudL | Online torrent downloader

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

gitlab.com/kavinduchamiran/cloudl

Technologies: React / NodeJS / Python / Docker / 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
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