



Kavindu Chamiran

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Education

B. Sc. Engineering (Hons)

CGPA 3.64 out of 4.2

University of Moratuwa,
Sri Lanka

Coursera.org

Going Cloud-Native

Building Serverless Applications

Skills

Programming Languages

JavaScript / Python / Groovy

Frameworks

NodeJS / React / React Native

Django / Flask

Cloud & DevOps

AWS / Azure / Jenkins CI

Docker / Ansible / Terraform

Databases

MySQL / MongoDB / Redis

Amazon RDS

Interests

Containerization

Tech Blogging

Kubernetes

Cloud Computing

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. Loves everything about DevOps and the Cloud.

Experience

2020 Feb - Present

DevOps Engineer | Enactor

Enactor Framework / Java / AWS

Azure / Terraform / Ansible / Docker / Jenkins CI

2018 June - 2018 December

Trainee Software Engineer | Zeptolytics

MEAN Stack / Python / AWS / Redis / Microservices

2018 Jan - 2018 May

Open Source Developer | MuseScore

Qt / PHP

Awards

IEEEExtreme 11 | 2017

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

IEEEExtreme 12 | 2018

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

Dean's List

Semester 6 with SGPA 4.03 out of 4.2

Semester 8 with SGPA 3.87 out of 4.2

Extra-curricular Activities

P&OMC of Gavel Club - UoM

Member of OC - CSE Career Fair 2019

Member of OC - ACM Students' Chapter

Projects

Jenkins, Infrastructure-as-Code, Configuration-as-Code | DevOps @ Enactor

Implemented Jenkins pipelines for CI and CD. Wrote Terraform modules for AWS and Azure. Wrote Ansible playbooks for Linux. Worked on dockerizing platform modules. Troubleshooting platform deployments on AWS and Azure on Docker Swarm.

Technologies: Jenkins / Docker / Terraform / Ansible

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: Qt / PHP

CloudL | Online torrent downloader

Convert torrents to direct links for fast downloading. Configured CI / CD pipelines for automation. Deployed on Google Cloud Platform.

gitlab.com/kavinduchamiran/cloudl

Technologies: React / NodeJS / Python / Docker / 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

References

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Axiata Digital Labs
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