

# Kekayan Nanthakumar

Opp Hospital – Chavakachcheri, Jaffna, 40000 – Sri Lanka

☎ +94 (0)76 680 2295 • ✉ kekayan.nanthakumar@gmail.com  
🌐 kekayan.github.io • 📧 @kekayan • 🌐 kekayan • in kekayan

*Seeking a position as Machine Learning Engineer / Data Scientist*

## Education 📖

- University Of Kelaniya** Kelaniya, LK
  - BSc.(Hons) in Software Engineering 2016  
GPA: **3.87/4.00**  
Major : Data Science and Engineering Applications & Net Centric Applications ; Graduate : Feb 2020
- Hindu College,Chavakachcheri** Jaffna, LK
  - Physical Science 2011  
2014  
Z-Score: **1.8472** | Maths : A , Chemistry: A , Physics: B

## Work Experience 📁

- Pearson Lanka** Colombo,LK
  - Trainee R&D Software Engineer 2018  
2019  
Experienced the best industry exposure on collaborative development, system thinking & design.  
Worked on Machine Learning R&D Projects,Java & AWS based POC Developments.  
Technologies : Spring Boot | Django | Flask | Keras |Vue.js | Git | Ansible | Trello.
- Bank of Ceylon** Chavakachcheri,LK
  - School leaver 2015  
2015  
Experienced the best working culture.

## Technical Skills 🎯

**Languages:** Java, Python, JavaScript, PHP

**Machine Learning:** Numpy, Pandas, scikit-learn, Keras, Tensorflow

**Frameworks:** Spring Boot, Node.js, Express.js, Django, Flask, VueJs

**Databases:** My SQL, MongoDB, SQLite , SQL Server

**Cloud:** AWS, GCP

**Tools:** git, Linux Ansible, Docker, K8s

**IDE/Editor:** VS Code,Intelij Idea, Jupyter NB, Eclipse, Netbeans, Android Studio

## Personal Skills ⚡

- Good Communication
- Leadership
- Problem Solving
- Ability to learn new things
- Strong Team Player
- Time Management

## Project Experience

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### o Auto Tagging Stack Overflow Questions - Research .....

Final Year Research Project. Multi label Multi class classification.  
Python, BERT , TF-IDF , Neural Network

### o Budget Management System.....

Developed an app to keep track and manage the Annual Budget  
Spring Boot, VueJs ,JWT

### o Anomaly Detection.....

Prototyped an AWS based solution to detect anomalies from ELB logs dumped in s3 bucket.  
AWS Kinesis, Lambda ,firehose, Elastic-Search, Kibana, SNS

### o Gesture/Pose Analysis.....

Implemented a REST API to predict Poses from a video.  
MXNet ,SK-learn, KNN, Django with rest framework, Ansible

### o Synonym Research.....

R&D work on find out synonyms for a given word.  
flask, Wiki data, Python, NLP-word2vec, Jupyter

### o Image Tagger.....

Implemented a REST API to predict classes from an image.  
Tensorflow ,Keras, Django rest framework, Ansible

### o Fake ELB log Generator.....

Implemented a Python CLI app to generate fake logs to file.  
Python, Faker

## Best Achievements

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**Codezilla hackathon 2018-Individual:** Mozilla Club, Uwa Wellassa University

*2nd Runner Up*

**Hackadev'17 Matara :** UNDP, Sri Lanka

*1st Runners Up*

**Yarl Geek Challenge'17 :** Yarl IT Hub, Jaffna

*1st Runners Up*

**Ahasi'16:** Arts Society, University of Kelaniya

*Winner - Best Photographer*

## Reference

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### Mr Sudheera Liyanage

Principal Software Engineer  
Pearson Lanka (Pvt) Ltd  
Colombo 09, Western

✉ Sudheera.Liyanage@pearson.com

☎ +94 (0)71 481 8024

### Mr Dinesh Priyankara

Founder/Principal Architect  
dinesQL (Pvt) Ltd  
Kadawatha, Western

✉ dinesh@dinesql.com

☎ +94 (0)77 739 5871