

SAVINDI WIJENAYAKA

Aspirant Software Research Engineer / Data Scientist

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WORK EXPERIENCE

Trainee Software Research Engineer

Applied Research & Development, Pearson Lanka (Pvt.) Ltd.

March 2018 – March 2019 Colombo 09, Sri Lanka

- Carried out diverse Research and Development tasks including Machine Learning and AWS POC development
- Technologies: Spring boot | Django | AWS | Git | Ansible | Trello

IT Assistant (Volunteer)

Anti-Filariasis District Unit

May 2015 – October 2015 Kalutara, Sri Lanka

Carried out IT based analysis tasks on samples collected by the Unit.

TOP PROJECTS

Music Genre Recognition

Academic - Individual

December 2019 - February 2020

- Final year research for the partial fulfillment of B.Sc. (Hons.) in Software Engineering degree program
- Technologies: Python | Keras | CNN | Transformers

APSES

Under Pearson Lanka - Team

September 2018 – June 2018

- Research based project related to Machine Learning and Deep Learning, specializing in both Image Processing and NLP.
- Technologies: Python | TensorFlow | Flask | Django | Kaldi | OpenCV | Ansible | HTML/CSS | JavaScript | JQuery

ThreadHeros

Academic - Individual

September 2019 – November 2019

- ThreadHeros provide comprehensive analysis on Java Thread dumps.
- Technologies: Spring boot | HTML/CSS | JavaScript | JQuery

DocClass

Under Pearson Lanka - Individual

June 2019 – July 2019

- Research based project in the area of Natural Language Processing (NLP). Had experience manipulating State-of-the-art Language Architectures like LSTM, GRU etc. and trying out models like ULMFIT for achieving the requirement.
- Technologies: Python | Pytorch | Django + Django REST framework

EDUCATION

B.Sc. (Hons.) in Software Engineering
University of Kelaniya

2016 - 2020 Kelaniya, Sri Lanka

- Major: Data Science and Engineering | Net Centric Applications
- CGPA - 3.96/4

CGMA (UK)

Chartered Institute of Management Accountants

2014 - Present

Current : Advance Deploma in Management Accounting

Physical Science (2014 A/L)

Visakha Vidyalaya, Colombo 05

2006 - 2014

- Mathematics C • Chemistry B • Physics B
- English A • General IT A

TECHNICAL SKILLS

- Deep Learning (Vision & NLP)
- Java SE, Python, JavaScript
- Django, Flask, Springboot
- JQuery, HTML/CSS
- AWS, GCP
- MySQL, SqlServer, MongoDB
- IMDG - ScaleOut State Server
- Linux, Kubernetes & Docker
- Guicorn, Tomcat, Nginx
- Ansible Scripting, JMeter
- Git (BitBucket & Github)
- Colab, Jupyter, Postman
- Agile practices & Trello

SOFT SKILLS

Good Presentation skills

Leadership Skills

Strong team Player

Good Communication Skills

Time Management

ACHIEVEMENT

Academic

- **1st Runner Up** : HackaDev - Matara 2017 (National Youth Software Competition) organized by UNDP-Sri Lanka
- **Semi-Finalist** : UOJ Hack 2017 organized by University of Jaffna and UNDP-Sri Lanka
- **Semi-Finalist** : iHack 3.0 organized by University of Colombo School of Computing
- **2nd Runner Up** : SAIFA Business Challenge 2016 organized by University of Colombo
- **Dean list Enlisted** : 2014/2015 Academic Year, University of Kelaniya

Non-Academic

- **Champions - Chess** : Four Nations Championship 2019 organized by Pearson Lanka (Pvt.) Ltd.
- **Colours Recipient - Karate** : Year 2016 & 2017, University of Kelaniya
- **2nd Runner Up** : Inter University Games 2017 - Karate, Under 68 kg Kumite Event
- **2nd Runner Up** : Sri Lanka University Games 2016 - Karate, Under 61 kg Kumite Event
- **Colours Recipient - Karate** : Colours Night 2013, Viskha Vidyalaya, Colombo 05
- **Best Player - Karate** : Colours Night 2012, Visakha Vidyalaya, Colombo

EXTRA CURRICULAR ACTIVITIES

Sports & Aesthetic

- Black Belter, Colours & Award Recipient and an active member of Visakha Vidyalaya Karate team
Year 2007-2014 (International Level)
- Member of Visakha Vidyalaya Kabbadi Team – Year 2011-2013 (National Level)
- Member of Visakha Vidyalaya Carrom Team – Year 2007-2009 (National Level)
- Member of the Visakha Vidyalaya Cadet Contingent – Year 2014 (National Level)
- Other Sports: Wushu, Volleyball, Swimming, Chess, Soccer.
(School Level)
- Aesthetic: Drama, Art (School Level)

Leadership

- Finance Coordinator - RealHack 2.0 organized by Software Engineering Students' Association of University of Kelaniya.
- Karate Captain of University of Kelaniya 2018/2019.
- Appointed as a Senior Prefect of Visakha Vidyalaya 2012/2013.
- Appointed as the Karate Captain of Visakha Vidyalaya 2012/2013.
- Appointed as the Head Girl of Sri Somarathana Dhamma School 2011
- Appointed as a Junior Prefect of Visakha Vidyalaya 2010/2011.
- Appointed as a Primary Prefect of Kalutara Balika National School 2004/2005.

SOCIETIES & CLUBS

Vice President

Marketing & Communication

AIESEC in University of Kelaniya

📅 February 2019 – February 2019

Local chapter of AIESEC, a youth run global organization who strive for peace and fulfilment of humankind's potential.

Member

Software Engineering Students' Association

📅 June 2017 – Present

Student Association of B.Sc. (Hons.) in Software Engineering undergraduates.

LANGUAGES

English

Sinhala

Tamil



REFEREES

Dr. (Mrs) Isuru Hewapathirana

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