

## WORK HISTORY

### SENIOR LEAD SOLUTIONS ARCHITECT - ENTERPRISE ARCHITECTURE TEAM

Dialog Axiata PLC, Sri Lanka  
Apr 2021 – Present

### ASSOCIATE SOFTWARE ARCHITECT - MILLENIUM RISK MANAGEMENT

London Stock Exchange Group Technology, Sri Lanka  
Apr 2019 – Apr 2021

### SENIOR SOFTWARE ENGINEER - SECURITY INFRASTRUCTURE TEAM

Bloomberg LP, united kingdom  
Nov 2015 – Mar 2019

### SENIOR SOFTWARE ENGINEER - MOBILE CONNECTIVITY TEAM

Bloomberg LP, united kingdom  
Oct 2012 – Oct 2014

### FINANCIAL SOFTWARE DEVELOPER – TRADEBOOK FX AND FUTURES

BLOOMBERG LP, UNITED KINGDOM  
Sep 2009 – Sep 2012

### ELECTRONIC ENGINEER

ZONE24X7, SRI LANKA  
Apr 2007 – Apr 2009

### ASSOCIATE ELECTRONIC ENGINEER

ZONE24X7, SRI LANKA  
Jun 2006 – Apr 2007

## SKILLS

Solution Architecture experience in **CRM Systems, Big Data and ML Systems, AutoML systems and Consumer mobile applications.**

**Managing multiple SCRUM teams** with several external party integrations

**Cloud Native Microservice based Architectures**

**AWS Cloud Offerings and Managed Services**

**AI/Data Centered Application Architectures**

**Enterprise Architecture Patterns**

**Real Time Streaming/Data Lake Architectures**

Proficient in **C, C++, Python** and **Go**

Familiarity with **C#, Java** and **Objective C**

Experience with Multithreading, Performance Analysis, Debugging, Program Analysis (valgrind, coverity, linting etc)

Proficient in **Shell Scripting, Linux, UNIX(Solaris and AIX)**

Extensive use of **RDBMS (Postgres, DB2 and comdb2), SQL, Redis, memcached, Cassandra, RabbitMQ**

Familiarity with **Consul** and **Vault** from Hashicorp

Experience in cryptography and security concepts and implementations (**Openssl, cryptlib, spongycastle, X509, PKCS7, CMS, PKCS12, authenticode** etc)

Familiar with current development methodologies and processes such as **Agile, Scrum, Kanban** and **TDD**

Used **CI** and **CD** tools such as **Jenkins, Gitlab and Enterprise Github**  
Familiar with DevOps tools such **Docker, Vagrant , Terraform** and **Ansible**

Proficient in **trading systems, markets** and **financial concepts**

Experience in **matching engine systems, order and trade books, Risk** and **P&L calculations.**

Experience in **Exchange connectivity (Liffe, Eurex TYO), FIX and FAST FIX connectivity.**

#### **EDUCATION AND PROFESSIONAL QUALIFICATIONS**

Bachelor Of Science in Electronic And Telecommunication, University Of Moratuwa. 2004-2009  
**1st Class Honors Degree**

Master Of Science in Computer Science, Georgia Tech University, 2014-Now **Focusing on High  
Performance Computing and Operating Systems**

Passed all three levels of the CFA Program and may be awarded the charter upon completion of  
the required work experience.

**REFERENCES** Available upon request

**NOTE :** I am a holder of dual British and Sri Lankan citizenships.