
Lalin Paranavitana, BSc (Hons)

Name: Lalin Paranavitana

Nationality: Sri Lankan

Date of birth: 7 January 1956

Civil Status: Married



Education and Qualifications

Institution & Dates	Qualifications obtained
Southeast Missouri State University - USA	BSc Computer Science Major – Computer Science Minor – Mathematics

Language skills

Language	Reading	Speaking	Writing
English	Fluent	Fluent	Fluent
Sinhala	Fluent	Fluent	Fluent

Skills Summary

Lalin is an extremely incisive and strategic Project Director and IT professional having spent his career fully developing the IT infrastructure of the Colombo Stock Exchange.

Lalin delivered all of the automation and IT requirements for the Colombo Stock Exchange:

- **Joint Project between Central Bank Of Sri Lanka (CBSL), the Securities Exchange Commission and the Colombo Stock Exchange (CSE) To Implement A Common Central Counterparty (CCP) System (2015/6):**
 - Project Director managing all three stakeholders and the user community, plus the consultants (BTA) to undertake the feasibility design, legal/regulatory framework, vendors selection for the first CCP in Sri Lanka.
- **Implementation of The Central Depository System (CDS):**
 - Project Managed the evaluation and selection process of a vendor, running the Request For Proposals (RFP) for software development and hardware using Millennium Information Technologies (MIT)
 - Responsible for carrying out testing and implementing the Central Depository System.
 - Successfully migrated all data to the new CDS without any loss of information.
 - Delivered the CDS system to time and budget.

- **Hardware infrastructure:** Implemented a fully fault tolerant Sun cluster with Oracle Transparent Application Failover (TAF) for the database to improve application uptime.
- **State of the art Automated Trading System (ATS) for equities and corporate bonds:**
 - Responsible for the evaluation, selection and implementation process of a fully fault tolerant state of the art distributed processing Automated Trading System from MIT which is now used by the London Stock Exchange.
 - Implemented Oracle Real Application Cluster (RAC) to ensure transparent failover in the event of a server failure including fault tolerant networks and firewalls.
 - Developed comprehensive test
 - Training and implementation
 - Completed in accordance with the timeframe and budget
- **Implementation of a Tier III compliant Data Centre:**
 - Designed, sourced and implemented a fully fault tolerant Tier III Data Centre covering the IT security systems (firewalls), network monitoring a Wide Area Network (WAN) such that on a site disaster the Broker connections could be switched to the backup site.
 - Designed and upgraded the Wide Area Network (WAN) with two leased circuits to be operated by two independent vendors and implemented a fully fault tolerant network.
 - Implemented and documented a fully functional backup site and replicated the database using Oracle Data Guard.
 - Designed and Implemented a comprehensive Business Continuity Plan and obtained ISO 22301 Certification.
- **Disaster Recovery**
 - CSE was totally destroyed by a bomb blast in October 1997. Responsible for the recovery of the system the next day, trading continued without disruption from the Backup Site.