DAREL LASRADO

Email: darelp@gmail.com

Phone: +61 449 063 564

Profile Summary

- Software Enthusiast with a talent for developing innovative solutions to unusual and difficult problems. In-depth understanding of **Enterprise software** architecture, **Big Data** , Restful **API**, **Cloud** infrastructure and **Integration** technologies.
- Over **18 years** of experience developing enterprise applications on **JAVA** and other programming languages, API, Middleware technologies, Service Oriented Architecture (**SOA**), **NoSQL** and **Hadoop**.

Key Skills

Programming - **Java**, Lua, Python	**AWS Cloud** Platform - Certified
Analysis, **Design, Architecture**	NoSQL –**MongoDB**, **Redis, Cassandra**
SQL expert, **Oracle**, **PostgreSQL**, **MySQL**, **MS SQL**	**Big Data** - **Hadoop** (HDFS, Hive, Sqoop, Pig, Storm, Falcon, Oozie)
Docker, Docker-Compose	**API** Management, **Kong**, **Apigee**
Web services - **SOAP, RESTful**	**Play Framework, Spring Boot**
ElasticSearch, Apache Solr, ELK	**JMS** Messaging, **ActiveMQ**, **Kafka**
AngularJs, **ReactJs**, Javascript	**Atlassian** Suite
Oracle **Coherence, EhCache**	Open **Geo**, Google Maps API
Agile, Waterfall & TDD	Oracle **Fusion Middleware**

Accomplishments

- Designed and developed Simplified Identity Management at the organization level based on the self initiated review and analysis of existing tools. This change solved the existing production issues and enabled hassle free and innovative future development. This new design also helped the organization in gaining **customer satisfaction** and appreciation.
- Successfully designed and delivered the integration and migration of complex **data systems** involving diverse databases.
- Recognized as a key member of the **solution design** and **architectural board** within the organisation.

Experience

Senior Engineer

May 2018 to Current

National Australia Bank (NAB), Melbourne, Australia

Responsibilities:

- Design, Build and Implement the SaaS like API gateway across the organization.
- Contribute to API standards and Guidelines.
- Configure and drive the implementation of various API projects at the API gateway.
- Responsible for the design of new API's.
- Mentor and guide the junior engineers in the team.
- Project estimation, documentation and coordination.

Lead Engineer

September 2017 to May 2018

Family Zone Cyber Safety, Melbourne, Australia

Responsibilities:

- Enable High availability of all the component in the ecosystem using **AKKA** cluster.
- **Docker**ization and migration of the existing applications to the cloud (**AWS**).
- Unify and integrate discrete systems inherited via mergers and acquisition.
- Develop new business requirements into the product using **Go**, **Scala** and **Java**.
- In the devops model, responsible for complete software development cycle.

Projects:

- **Mobile and School zone** is a cyber safety products for students at school and children at home. It intends to keep children away from malicious and inappropriate content online. The ultimate objective is to create good digital citizens and encourage children to keep their energy and focus where it is required.

Senior Software Architect / Technical Lead Engineer

March 2010 to September 2017

Equinix, Inc., Singapore

Responsibilities:

- Architect & Managed the road map for product design and development.
- Collaborated with product and engineering team members to define and develop new product concepts.
- Drove continual improvement to system architecture by refactoring old legacy code.
- Led groups to develop mitigation strategies and prepare standard operating procedures.
- Design and implement software applications using Java, **Apigee, WSO2, Play!, Redis, ElasticSearch, Logstash, Filebeat, MongoDB** in a **devops** model.
- Drafted detailed design objectives and developed architectural and system design documents.
- Developed and Implemented system security and data assurance software.
- Built decoupled and service-oriented middleware software and platforms using Oracle Fusion Middleware.
- Used various application servers like **Weblogic, Apache Tomcat, JBoss**.
- Implemented highly critical & secure, customer facing **SOAP services** and **RESTful API**'s.

Projects:

- **Enterprise Systems Gateway (Data Hub)** is an API enabled Data Platform & Gateway that powers B2B e-Commerce, Customer facing operations, opportunistic upsell/cross-sell, on Demand Analytics. **Hadoop** technologies (**Sqoop, Hive, Pig, HBase**, **Storm, Oozie, Spark**) are used to fetch and store data from the source systems. The processed data is then stored into **MongoDB**. The platform provides a **data lake** for the enterprise to run analytics. The one time data migration was executed using **Pentaho**.
- **FASE Platform & Sales Quoting App** is platform as a service which enables Equinix to build Mobile and web applications. It also exposes **REST API's** built using Play Framework and Java. Other tools used are **Drools, ElasticSearch, Play!, EhCache.**
- **Capacity management** is a highly customizable and visualization enabled application for managing the core business of Equinix and its assets.

Solution Designer / Technical Lead Engineer

November 2007 to June 2009

Paytronic Network, India

Responsibilities:

- Responsible and accountable for the coordinated management of multiple related projects directed toward strategic business and other organizational objectives.
- Define and initiate projects, and assign resources to manage cost, schedule, and performance of component projects, while working to ensure the ultimate success and acceptance of the project
- Lead, mentor and manage the development team.
- Present periodic Dashboard reports on the current program, future opportunities and client issues.
- Proactively managed systems development, implementation and risk via the use of SDLC.
- Provide Integration strategy with other teams at Paytronic, data translation & transformation and process orchestration.
- Analyze and manage the requirements on enterprise application integrations.
- Maintain continuous alignment of program scope with strategic business objectives, and make recommendations to modify the program to enhance effectiveness toward the business result or strategic intent.
- Head monthly meetings with clients, suppliers and consultants and prepare monthly reports.
- All projects were developed using Core Java, J2ee components.

Projects:

- **Re:charge** is targeted at acceptance of prepaid mobile top-ups. Recharge can be done through three mediums i.e., Point of Sale terminals, Mobiles and the Web Portal.
- **Cash card** is a virtual cash wallet, which can be used to pay money to a merchant or a shop keeper. Money can be transferred by one person to another by simply sending a SMS.
- **Payin2** is a software to enable the loyalty program. Another part of PayIn2 is a gift card feature which is completely software enabled.

4

Software Engineer

June 2005 to October 2005

Accenture Consulting Services, India

Responsibilities:

- Coding and development of web applications using JAVA/J2EE.

- Code review, unit testing, integrated testing.

- Design & implementation of database systems for the web applications.

Projects:

- **Online Ticketing System** was developed for the Diamond client of Accenture, Bellsouth. This application was used to help its customers and staff to tackle issues using a portal.

Software Engineer / Technical Leader

November 2002 to May 2005 and **November 2005 to November 2007**

Thinking Applications, India

Responsibilities:

- Produce high level and detailed design solution for the enterprise applications.

- Provide technical leadership to the development team.

- Coding, testing and deployment of enterprise applications on JAVA/J2EE and SOA domain.

- Code reviews, design reviews and validation of specifications and design.

- Provided business consulting, knowledge expertise in strategic performance management methodologies, process assessment work, and the application of technologies to business.

- Design & implementation of database systems for the web applications.

Projects:

- **OfficeSpark** is CRM service accessed over the internet, enabling businesses to efficiently manage its leads, opportunities, customers and sales.

- **Infomonica** is a News feed system which collects the news feed from the internet and stores in the application database. This feed is then analysed and showed to the users.

- **NAV and FEE Monitor** handles calculations of the market shares and the bank account details.

- **Market Risk Reports** developed for ABN Amro, is a market risk calculator for the bank.

5

Education

- **B.E**. (Bachelor Of Engineering) in **Computer Science**   - **Aug - 2001**

Awards Received

✓ Recognition for Excellence award at Equinix in September 2015

✓ Peak Award –APAC IT award at Equinix Singapore in Feb 2013 for outstanding performance in software engineering.

✓ Employee of the month award at Thinking Applications in Sep 2006.

Professional Training & Certification

- AWS Solution Architect

- AWS Security Engineer

- EQ Strategist – High impact leadership training, Singapore, Jan 2015

- MongoDB advanced modelling and Hadoop integration, San Francisco, 2014

- High Impact Presentations, Dale Carnegie Institute, Singapore, Nov 2011

- Oracle Access Management, Oracle Education, Singapore, Aug 2010