

# Technical Lead I Backend Engineer

## PROFESSIONAL OVERVIEW

Accomplished and talented Technical Lead / Backend Engineer supported by over eight years' experience working on Java technologies to design and develop enterprise level, high volume public facing applications. Experience includes developing extensible, robust, scalable and finely tuned RESTful web services. Excellent in data modelling, designing, developing and architecting. I have a proven track record of delivering results by working with business team, operations team and external development teams.

## ACADEMIC QUALIFICATIONS

BSc (Hons), Electronic and Telecommunications Engineering, University of Moratuwa, Sri Lanka  
Degree of Master's in Business Administration: Cardiff Metropolitan University, UK

## SKILLS MATRIX

Methodology	Agile, SCRUM methodologies
Languages & Technologies	Java, Spring, Hibernate AWS – EC2, Load balancing, S3, CloudFront, Route53, RDS, Elasticache, Codebuild, CodeDeploy Firebase, Heroku, Ghost, TravisCI, CircleCI, Bitbucket CI/CD
Database Software	MySQL, Google FireStore
Tools & Packages	Atlassian JIRA, Bitbucket, Crucible, SourceTree, Putty, mRemortNG, WinSCP, Postman, WinSCP, VMware, Virtual Box, Docker, Kubernetes
Software Design	Object Oriented Design (OOD)
Web Servers	Nginx, Apache2, Tomcat 8, Jboss EAP 7
Operating System	Linux, Windows, Mac

## PROFESSIONAL EXPERIENCE

### Axe Group

Jul 2019 – current

**Project:** Propeller

**Technologies:** Java 8, Spring, Hibernate, PostgreSQL, Agile

**Role:** Senior Software Engineer

**Responsible For**

- liaising with client and Axe staff to determine details of their requirements
- carrying out development activities to solve technical problems of medium to high level complexity, including design, implementation, and testing
- developing Propeller application to meet the requirements based on company standards, and be of high quality
- creating and managing Jiras; mentoring and supporting junior developers

### Millionspaces

Nov 2017 – May 2019

**Objective:** Millionspaces is an ecommerce solution to connect people who owns spaces to people who needs spaces; while enabling them to search, book, pay and review suitable places

**Technologies:** Java, Spring, Hibernate, MySQL, AWS, Agile, Microservices

**Role:** Senior Technical Lead

**Responsible For**

- introducing, developing and deploying microservices architecture
- configuring DNS using Route53 to maintain different endpoints for API calls

- configuring load balancers to increase the service availability & configuring reverse proxy with Nginx and EC2
- configuring Kafka messaging feed to maintain communication between microservices
- performing code and design reviews
- mentoring developers and giving relevant training through tech-talk sessions
- practicing Agile methodologies to keep the development in sync with business strategies

#### Achievements:

- request caching filter has been implemented and placed before the service layer to decrease latency by 135 percent
- loading time of Angular front-end app has been optimized using Amazon S3 and CloudFront CDN
- Cloudinary CDN has been integrated to the application; Cloudinary optimized the media management and increase the image loading time by 256 percent

## London Stock Exchange Group (LSEG) (MillenniumIT) Mar 2012 – Feb 2014

#### Projects:

- Clearing Gateway for Italian Derivatives Market
- Clearing Gateway for Turquoise/Oslo
- OBPriceFeeder: Platform migration Windows C# to Linux C++ and to develop an **Underlying and Derivatives Price Feeder** for Oslo Bors, Borsa Italiana Stock Exchange. Objective is to feed OM Secur system with latest price updates

**Technologies:** C++, STL, Crypto++, log4cpp, gcc, makefile, The GNU Project Debugger (GDB), Valgrind, SQL, UML, Shell Scripting

#### Role: Software Engineer

##### Responsible For

- developing new features and fixing bugs in legacy C++ systems in collaboration with other product/platform teams
- analysing code base of the trading system to identify technical root cause of issues in production and Customer Development Service (CDS) systems in London, Milan, Oslo and Turquoise stock exchanges
- managing production incidents, escalate critical issues to internal development teams, coordinate with team to provide quick workarounds for issues
- involve in recreating issues and extracting relevant information for troubleshooting

#### Achievements:

- completed a high complexity change request with minimal supervision and training under tight deadlines
- increased the performance of **Underlying and Derivatives Price Feeder** up to 315 percent

## CAREER SUMMARY

Senior Technical Lead	Millionspaces Inc	Nov 2017 – May 2019
Technical Lead	Auxenta Inc	Mar 2016 – Oct 2017
Senior Software Engineer	Auxenta Inc	Mar 2014 – Feb 2016
Software Engineer	London Stock Exchange Group	Mar 2012 – Feb 2014

## PROFESSIONAL DEVELOPMENT

- Oracle Certified Associate, Java SE 7 Programmer (OCAJP) Nov 2013
- Cisco Certified Network Associate (CCNA) Routing and Switching Nov 2010

## REFEREES

Available Upon Request