KRISNASAMY (YOVEN) AYASSAMY

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Personal Statement

- Technical Architect with 5+ years of experience.
- Possesses a comprehensive understanding of the entire software development lifecycle, demonstrating proficiency in guiding projects from initial requirement gathering through to successful deployment in production environments.
- Has a comprehensive understanding of data structures & algorithms, multithreading, distributed caching, distributed systems, security, JVM & DB profiling, monitoring, and performance (database queries, Java and network).

Main Skills

- Java
- Spring/Spring Boot
- Hibernate
- Maven
- Hazelcast (Cache)

- Git
- Docker
- JProfiler/VisualVM/JMC
- Cloud Technologies (Linode)
- Cloudflare

- Nginx / Apache
- Linux
- PostgreSQL
- MySQL/MariaDB
- MongoDB

Other Skills

- Language: English, French and Creole
- Microsoft Office: Word, Excel, PowerPoint & OneNote
- Note Taking Application: Notion and Obsidian

Career Summary

ChronoSport Ltd, Mauritius

- **Architect / DevOps / Software Developer – Jan 2024 → Present (6 months)**

  ➢ **Website fmtri.mu** (https://fmtri.mu)
    - Designing and determining which technologies to use for better performance, easy deployment, easy monitoring, security, and lower cost.
    - DNS configuration.

  ➢ **Website chronosport.mu** (https://test.chronosport.mu) (development phase)
    - Designing the test and production environments (project will be deployed in the cloud – linode). **[The architecture diagram can be shown during interview]**
    - Designing and implementing the whole backend Java/Spring Boot application + SQL Database taking into consideration maintainability, easiness to adapt to client requirement changes, performance, and security.
    - Designing and determining which technologies to use for better performance, easy deployment, easy monitoring, security, and lower cost.
    - In charge of maintaining the source code repository (Github), server maintenance (Linode, Contabo and VPSAG), task management tool (Azure DevOps) and deployment of the backend application.

MNS, Mauritius

- **Technical Architect – Jan 2024 → Present (6 months)**
- **Senior Software Developer – Jan 2023 → Dec 2023 (1 year)**
- **Software Developer – Oct 2021 → Dec 2022 (1 year 2 months)**

- Implementing microservice based Java/Spring applications.
- Analyzing and optimizing MongoDB and MySQL queries.
- Performance/Load testing using Jmeter.
- JVM based application profiling using JProfiler/VisualVm/JMC.
- Refactoring Java codes to optimize performance and resource consumption.
- Provide knowledge sharing/mentoring sessions.
- Perform technical design of solutions/architecture.
- Writing technical and functional documentation.
- Conducting client meetings to gather requirements, documenting these requirements in functional documentation, and managing tasks through Jira.

African Leadership University

- **Part-Time Lecturer – Sep 2022 → Feb 2023 (6 months)**

- Taught Java programming for the module Computing Programming 2 to year 3 students.
- Preparing and marking test and exam papers.
- Supervise exams.

SD Worx, Mauritius

- **Senior Java Developer – Feb 2021 → Sep 2021 (7 months)**

- Designing and implementing Apache NIFI flows.
- Designing and building reports using Java + MVEL templates.
- Fixing database data issues using PL/pgSQL.

Accenture, Mauritius

- **Software Developer – Jan 2020 → Feb 2021 (1 year 2 months)**
- **Associate Software Developer – Jan 2019 → Dec 2019 (1 year)**

- Designing and implementing tools to help automate testing processes.
- Providing knowledge transfer sessions to the whole team.
- Implementing new features (batches, SOAP based webservices, etc.).
- Software maintenance work for a Java/Spring based project.
- Contribute to technical design of solutions.
- Fine tuning implementations to optimize performance.

Sotramon, Mauritius

- **Trainee Engineer - Jan 2015 → Jun 2015 (6 months)**

- Design and drawings of steel works/structures.
- Structural Analysis using SOLIDWORKS and Engineering Formulae.
- Monitoring the installation of instruments/sensors to be connected to PLCs.

SMS Pariaz, Mauritius

- **Cashier - Apr 2012 → Apr 2013 (1 year)**

- Dealing with customers face to face on a daily basis.
- Handling customer complaints.

Teaching Experience

African Leadership University (Computing Programming 2 – Year 2022)

Subject Taught: Java Programming

Accenture Academy (MSc Applied Software Technologies – Year 2020)

Subject Taught: Spring Framework (core module) – Dependency Injection, Inversion of Control, Spring Beans, XML/Annotation based Spring configurations.

Formal Qualifications

MSc Applied Software Technologies (GPA: 4.00 | CPA: 87.5%)

University of Mauritius, Reduit, Mauritius (Jan-2018 → Dec-2018)

BEng (Hons) Mechatronics Engineering (GPA: 3.84 | CPA: 79.5%)

University of Mauritius, Reduit, Mauritius (Aug-2012 → Jul-2016)

Other Qualifications

OCA 1Z0-808 Java SE 8 Programmer 1 (Score: 95%)

Completed on: 05-Jun-2019

Basic Simatic S7 PLC Programming & Scada Design and Configuration

MITD, Mauritius (Mar-2012 → Aug-2012)