

LAHIRU RUHUNAGE

Senior Principal Software Engineer

+94 713 479 258 arlahiru@gmail.com [linkedin.com/in/arlahiru](https://www.linkedin.com/in/arlahiru) <https://github.com/arlahiru> www.d9hub.com

US Legal Permanent Resident

Relocating to United States in Autumn 2023

Results-driven Senior Principal Software Engineer with 10+ years of experience in designing, developing, and delivering complex software solutions in various domains like sales and e-Commerce, health care and supply chain applications. Adept at leveraging advanced technical skills to deliver innovative solutions that meet business goals. Expertise in full-stack Java development, modern software architecture principles, Java EE and Spring framework.

WORK EXPERIENCE

Infor Nexus, Colombo & New York, NY

04/2014 - Present

<https://www.infor.com/solutions/scm/infor-nexus>

Senior Principal Software Engineer | Principal Software Engineer | Senior Software Engineer

- Supervised and led a team of 8 software engineers while developing a brand new application to onboard new partners to the Infor platform.
- Lead engineer on the Onboarding Project, responsible for designing, developing, and delivering new features for the platform.
- Collaborate closely with product managers to gather and understand requirements, translating them into technical specifications.
- Design and architect scalable solutions, utilizing Java, J2EE, and RESTful APIs to enhance the platform's functionality.
- Play a pivotal role in troubleshooting and resolving complex production issues, ensuring system stability and uptime.
- Mentor and guide junior engineers, fostering professional growth and ensuring adherence to coding best practices.
- Participate in cross-functional Agile teams, contributing to sprint planning, backlog grooming, and daily stand-ups.
- Actively contribute to code reviews, promoting high-quality code and adherence to established coding standards.

Key Achievements:

- Successfully led the implementation of a program designer and partner dedupe process that streamlined customer provisioning, resulting in a 40% reduction in customer setup time.
- Collaborated with UI/UX designers to enhance user experience, and driving increased user engagement in the onboarding tool.

Providence Network & Solutions, Colombo

06/2012 - 04/2014

Software Engineer

- An integral member of the E-Channelling Project team, contributing to the development and enhancement of the platform.
- Collaborate closely with business analysts to gather and analyze requirements, translating them into actionable technical specifications.
- Utilize Spring Framework to design, implement, and maintain robust backend solutions that power the E-Channelling platform.
- Develop Java RMI services ensuring seamless integration between frontend and backend components.
- Troubleshoot and resolve technical issues, playing a key role in maintaining high system availability and performance.
- Contribute to the implementation of Agile methodologies, engaging in sprint planning, daily stand-ups, and retrospectives.

Mphasis, Colombo

01/2011 - 05/2012

Trainee Software Engineer

PROJECTS

Network Onboarding Tool - Infor Nexus

<https://network.infor nexus.com/login>

- Multi-tenant cloud tool designed to onboard new partners to the Infor Nexus network.
- Technologies: Java 8, J2EE, JPA/Hibernate, DB2, Front End Framework, Gradle, Git, Memcached, Jenkins, AWS

Network Onboarding API - Infor Nexus

<https://developer.infor nexus.com/api/version-3.1-api-methods/native-objects/onboarding/invitation>

- RESTful API to expose onboarding features to different applications across the Infor Nexus platform such as mobile and TPM applications.
- Technologies: Java 8, J2EE, Infor Nexus REST API Framework, AWS, Postman, Swagger

PERSONAL PROJECTS

MySlot - Online Appointment Platform

<https://github.com/arlahiru/myslot-api>

- Open platform to allow users to manage online appointments.
- Designed according to cloud computing architecture to easily deploy to cloud platforms such as AWS. Robust application with high availability and scalability.
- Technologies: Java 8, Spring Boot, React, Microservices, PostgreSQL, OAuth, RabbitMQ, Redis, Docker, Kubernetes, AWS, CI/CD, Postman, Swagger

SKILLS

Technical Skills: Java, Java 8, Java EE, Spring Boot, Spring Framework, RESTful APIs, Web Services, MVC Architecture, JPA, Hibernate, SQL, Relational Databases (DB2, MySQL, MS SQL, PostgreSQL), JDBC, Docker, Git, GitHub, AWS, Agile Development, Scrum, Kanban, Software Troubleshooting

Tools and IDEs: Eclipse, Spring Tool Suite, Visual Studio Code, Maven, Gradle, Log4j, Splunk, JIRA, Fisheye

Programming Concepts: Object-Oriented Programming (OOP), Design Patterns, SOLID Principles, Dependency Injection, Inversion of Control (IoC), Test-Driven Development (TDD)

Testing: JUnit, Mockito, Selenium

Frontend Skills: HTML, CSS, JavaScript, React

Soft Skills: Team Collaboration, Problem Solving, Analytical Skills, Multi-task, Communication, Leadership

EDUCATION

University of Colombo (UCSC)

2014 - 2015

Master of Computer Science

Sri Lanka Institute of Information Technology

2007 - 2010

BSc (Hons), Information Technology - GPA 3.68

CERTIFICATIONS

Oracle Certified Professional Java Web Component Developer Examination (OCP)

Sun Certified Java Programmer Examination (SCJP)

Reading AWS Certified Solutions Architect - Associate