THILINA JAYATHILAKA

Email: thilinajayathilaka.official@gmail.com
Tel: +94716485403
Web: thilinaprasad.github.io
LinkedIn: linkedin.com/in/thilinaprasad

Summary

Experienced senior software engineer with over four years of expertise in the complete software development lifecycle. I am passionate about crafting secure, cloud-friendly software solutions. Actively seeking opportunities to apply technical proficiency and interpersonal skills for impactful outcomes.

Technical Skills

Java, Spring, JPA, React, Angular, JavaScript, TypeScript, Apache Kafka, Maven, AWS, Docker, Terraform, Ansible, TestNG, Junit, Jenkins, Groovy, JSP, MySQL, Subversion, Git, Linux

Experience

Team Lead

Enactor Ltd (Aug 2023 - Present)

- Lead Developer and Manager of the team who Design/Technical Specification on the customer requirements in enactor standard product.
- Handling all the product specific priority problems and holding the responsibility of enactor product releases and leading the product development team.
- Used technologies like JavaEE, React, Junit, TestNG, Maven, MySQL, MariaDB and Jenkins to deliver the product releases.

Associate Team Lead

Enactor Ltd (Nov 2022 – Aug 2023)

- Played a lead role in Enactor Deployment & Scalability team.
- Led the development of Enactor Deployment Portal which is used to deploy fully automated AWS/AZURE cloud deployments.
- Used technologies like AWS, Terraform, Ansible, Jenkins, Groovy, Python and JavaEE, ReactJs, MariaDB to optimize deployment processes.

Senior Software Engineer

Enactor Ltd (Oct 2021 – Nov 2022)

- A main full stack developer on Enactor Deployment Portal which is used to deploy fully automated AWS/AZURE cloud deployments.
- Used technologies like JavaEE, ReactJS, MariaDB

Software Engineer

Enactor Ltd (Feb 2020 – Oct 2021)

- Involved in new feature development and bug fixing of the enactor standard product.
- Played a key developer role of the standard platform customization project for Dunelm.

Software Engineering Intern

Interblocks Ltd (Jun 2018 – Dec 2018)

- Involved in re-development of iShield project using Spring Boot and Angular.
- Researched about executing iShield to execute with Apache Flink in a distributed environment.
- Completed the development of ProjectCR internal project with Spring Boot and Angular.

Education

Bachelor of Science, Computer Science & Eng.

University of Moratuwa (2015 - 2019)

- An Intelligent Sinhala-English Dictionary/Thesaurus: Final year research project (Group) based on NLP model.
- Extracurricular: Leo Club of University of Moratuwa

Certifications

- AWS Certified Solution Architect Associate (C03)

Projects

Enactor Deployment Portal

Enactor Ltd (Oct 2021 – Aug 2023)

- Lead the development and worked as a key contributor of this project to fully automate the Enactor product end-to-end deployment.
- Fully designed and developed the monitoring dashboard of the deployment to get monitoring statistics of the deployed application and servers.
- Fully designed and developed the support for AWS SSM based private deployments via Ansible.
- Fully designed and developed the MSI application deployment automation in AWS windows EC2s with AWS SSM and PowerShell scripting.
- Used technologies like AWS, JavaEE, JAX-RS, React, Groovy, Ansible, Terraform, Python, bash, PowerShell, Docker, Junit, TestNG, Maven, MySQL, MariaDB and Jenkins to automate the Enactor complex deployments.

Enactor Product – S3 Integration

Enactor Ltd (Oct 2021 – Aug 2023)

- Designed/Developed a File system API on the enactor product with easy configuration on the system to decide where to store the files. (File system, S3 or any)
- Exposed a Java servlet with Enactor standard File API in a microservice to handle client interaction without knowing the underlying file system.
- Automated S3-specific deployments in AWS using Terraform, Groovy, and Jenkins to support automated S3-enabled deployments.
- Used technologies like AWS S3, AWS S3 SDK for Java, Java, Java Servlets, Terraform, Groovy, Jenkins and CloudFormation.

Enactor Product – Kafka Integration

Enactor Ltd (Oct 2021 – Aug 2023)

- Designed/Developed an integration layer for Enactor product to interact with Apache Kafka as a queue service.
- This integration will provide more load bearing capacity on Enactor product queues with microservice decoupling.
- Used technologies like Java, Apache Kafka, AWS MSK and Kafka SDK for Java

A2 Directory / A2 Web

Leo District 306 A2 (July 2020– Nov 2020)

- Designed, developed, and published an Android and iOS mobile application to convert printed directories into a digital format. Integrated the app with an A2 web application for updates and push notification management.
- Used technologies like Ionic, Angular, TypeScript, JavaScript, php, Firebase Cloud Messaging, JQuery, CSS3, HTML5 and MySQL

BackPacker – Travel Location Recommendation System

University of Moratuwa (Sep 2019 – Nov 2020)

- Designed/Developed a mobile application to get travel location recommendations by integrating mobile device sensors and user feedback.
- This system allows travelers to receive accurate, destination-specific details before arriving at their destination.
- Used technologies like Ionic, TypeScript, JavaScript, Google Maps API and Firebase.

An Intelligent Sinhala-English Thesaurus

University of Moratuwa (Dec 2018 – Dec 2019)

- Final year research project.
- Fully designed and developed a thesaurus system with a Language identifier, Spell-checker, Similar words cluster generator, Word definition extractor, and Word example sentence generator.
- NLP project based on FastText model to identify the similar meaning words in Sinhala Language.
- Used technologies like Python, Jupiter Notebooks, Anaconda, Keras, FastText, Angular and Ionic.

LensView

University of Moratuwa (Jan 2018 – May 2018)

- University level project to host photography contests.
- Designed and fully developed the project individually, including all unit tests and automation test coverage.
- Used technologies like Laravel, jQuery, PHP, MySQL, CSS3 and HTML5

Soft Skills

- Team Leadership: Directly managed 2 key teams of the Enactor for successful customer deliveries.
  - Platform Team (M2): 2 Senior Software Engineers, 5 Software Engineers, 1 Senior Quality Assurance Engineer and 1 Quality Assurance Engineer
  - Application Support Delivery: 1 Senior Software Engineer, 2 Software Engineers and 2 Quality Assurance Engineers
- Customer Interactions: Directly interfaced with customers to gather the requirements and align them with Enactor product.
- Release Management: Handled Enactor standard product M2 releases with Platform Team (M2) and customer specific product releases according to customer requirements with Application Support Delivery team.
- Product Management: Managed the team towards Enactor standard product releases with customer satisfaction and positive feedback.