

CHATHURA JAYASHANTHA

Software Engineer

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EXPERIENCE

Advanced Software Engineer

Zuhlke Engineering Pte Ltd

📅 March 2022 – Present 📍 Singapore

- Playing role of Full-stack engineer on multiple client projects, Currently focused on low-code solution for medical research

Technical Lead

Pearson Lanka

📅 Dec 2021 – Feb 2022 📍 Colombo, Sri Lanka

- Led a team that focused on developing microservices in the education domain.

Senior Consultant - Technology

Virtusa Pvt Ltd

📅 Feb 2021 – Dec 2021 📍 Colombo, Sri Lanka

- Played key role in developing low-code applications and customizing CIAM using WSO2 IS

Senior Software Engineer

Wiley Global Technology

📅 Aug 2019 – Jan 2021 📍 Colombo, Sri Lanka

- Developing low-code applications and microservices.

Consultant - Technology

Virtusa Pvt Ltd

📅 May 2018 – July 2019 📍 Colombo, Sri Lanka

- Focused on developing microservices.

Solution Developer

John Keells IT

📅 Jan 2016 – May 2018 📍 Colombo, Sri Lanka

- Played a roll of full-stack developer.

Software Engineer

Lanka Bell(Pvt) Ltd | Fidenz (Pvt) Ltd | Vycero Solutions

📅 Feb 2013 – Dec 2015 📍 Colombo, Sri Lanka

- Focused on developing mobile, php, nodejs and java applications.

SUMMARY

As a seasoned Software Engineer with over 10 years of experience, I possess a comprehensive background in full-stack development. My expertise spans a wide range of technologies and frameworks, enabling me to effectively build and maintain robust, scalable, and efficient software solutions.

PROFESSIONAL SKILLS

• Programming Languages / Technologies

Java JavaScript TypeScript
PHP C#

• Frameworks and Tools

Spring Boot NodeJs React
Angular ExpressJs HTML / CSS
Apache Kafka MySQL
PostgreSQL MongoDB Oracle
Microservices Micro Frontend
AWS Docker Kubernetes BPM
NX Mono Repo GIT CI/CD
ELK

• Skills

Extensive experience in developing microservices, as well as designing and developing front-end and back-end applications. Involved in the entire software development life cycle, including requirement gathering, design, coding, testing, and delivery. Collaborated with distributed teams across various time zones and have a proven track record of effectively managing and mentoring new team members.

EDUCATION

B.Sc.

University of Kelaniya

📅 2009 - 2013 📍 Sri Lanka

Diploma in IT

University of Colombo, School of Computing

📅 2009 - 2010 📍 Sri Lanka

CERTIFICATIONS

MuleSoft Certified Developer-Level 1 (Mule 4)

KEY PROJECTS

Clinical Trial Platform

Zuhlke Engineering Pte Ltd

📅 September 2022 – November 2023

📍 Singapore

For a leading virtual research organization, a Decentralized Clinical Trials platform was developed as a low-code solution to help medical research studies. This consists of two separate front-ends for designing the clinical study and managing the study. The study manager frontend consists of multiple micro-frontends. The backend is distributed microservices implementation runs on Kubernetes cluster in GCP.

Technologies

- NodeJS, React, NestJS, Apache Kafka, MongoDB, Kubernetes, Chakra UI

Role played

- Played a full stack engineer role and mainly focused on developing microservices NodeJs/NestJs.
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NewYork Life Microservices

Virtusa Pvt Ltd

📅 May 2018 – July 2019

📍 Colombo, Sri Lanka

NYL is a leading insurance company in the United States also one of the Fortune 500 companies in the United States. Currently, they are in progress of moving their existing legacy system into a cloud-based solution. Microservices DevOps Flex team in Virtusa is responsible for designing and developing microservices to replace their legacy system.

Technologies

- Java, Spring Boot, MuleSoft ESB, Apache Kafka, JDBC, PostgreSQL, Angular, Service Discovery using Consul by HashiCorp, Vault, Bootstrap

Role played

- Focused on developing microservices using both MuleSoft and Spring boot.
 - Developed a POC frontend application for the client using Angular.
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CIAM 2.0

Virtusa Pvt Ltd

📅 February 2021 – October 2021

📍 Colombo, Sri Lanka

CIAM 2.0 is an enhancement for identity management used in a leading telecommunication provider in the UK. With this they have moved to WSO2 IS with the custom developments. Other than the IS some associated spring boot applications help to manage users and organizations. A spring boot application using spring batch was developed to add and update users and organizations in bulk. Oracle database was used as the database.

Technologies

- Java, Spring Boot, Spring Batch, WSO2 IS, Oracle

Role played

- I was assigned to develop microservices using spring boot, spring batch operations and custom extension development for WSO2 IS.
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Content Management - BPM

Wiley Global Technologies Pvt Ltd

📅 August 2019 – February 2021

📍 Colombo, Sri Lanka

Wiley is a leading publishing company in the United States. One out of many services developed in Wiley is the Book Content service. Which is a service orchestration developed for publishing books on request using an ISBN for Wiley. Service was developed using Java, Spring boot and Flowable. Flowable was the BPM engine used in the service.

Technologies

- Java, Spring boot, MySQL, BPMN (Flowable), SQS(was), Alfresco, Docker

Role played

- Focused on developing several microservices using Spring Boot and Java to work with Flowable to handle business processes.
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