

Randika Navagamuwa

Solutions Architect(Java, ReactJS, Python, OOP, Micro Services, API Management, Containers)

Personal Details

Name

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Personal Profile

A competent engineer specialised in the field of computer science and engineering working in designing and developing zero fault tolerance programs for large enterprises including fortune 500 companies. Has 5 years of industry experience and currently working at WSO2, the world's number one middleware vendor as an Associate Lead Solutions Engineer.

Before joining WSO2, worked at Adroitlogic as the maintainer of the project Trojan attached to Singapore Exchange Limited. Experienced in testing and debugging, designing and developing back end applications, and programming languages including Java, ReactJS, AngularJS, Python.

Skilled in advanced object-oriented programming concepts, advanced data structures and algorithms. Trained in waterfall and agile

Professional Experience

Solutions Architect

May 2022 - Present

StarTree inc

StarTree was founded by the original developers of Apache Pinot and provides a fully managed platform for Apache Pinot.

Working as the head of Solutions Architect in India region providing all the required technical aspects to StarTree customers and prospects.

Skills

JAVA, Maven, React, Micro Services, Containers, Kafka, Zoo Keeper, Version Control

Associate Lead Solutions Engineer

Jan 2019 - May 2022

WSO2 inc

WSO2 offers an enterprise platform for integrating application programming interfaces, applications, and web services locally and across the Internet and is recognized as the world's no one open-source middleware vendor.

Working in the capacity of an Associate Lead Solutions Engineer attached to the Solutions Architecture team, including designing solutions, providing architectural advice, and developing systems to address customer use-cases, including fortune 500 companies.

Responsibilities

- Design solutions using the most suited technologies to address business use cases of customers giving priority to optimization and efficiency.
- Demonstrate the capability to create demonstrations and POCs and related materials with the products to good quality and adequately expose the capabilities of the products.
- Conduct technical workshops for customers, partners and public users.
- Design workshop content to multiple audiences with different backgrounds - CXO, enterprise/solution architects, developers and DevOps.
- Conduct architecture reviews followed by implementations when needed.

Achievements

- Conducted multiple on/off-site architectural sessions for WSO2 customers and prospects.
- Handle more than 20 customers as the primary technical owner including a fortune 500 company.
- Developed an SDK for WSO2 Identity Server to for Spring Boot integration. (<https://www.youtube.com/watch?v=OvnnshmiAaA>)
- Working as the lead solutions engineer for the South Asian region.
- Developed a custom module to integrate WSO2 Enterprise Integrator with SAP Hana.

Skills

JAVA, Maven, Spring Boot, React, Micro Services, Containers, Integration, API Management, CIAM, Version Control

methodologies with a proven ability to adapt to any work environment easily. Possesses an innate desire to learn and explore new technologies and a passion to engage in challenging work in either independent or team-based work cultures.

Personal Achievements

Conference Publication

Shapelets and Parallel Coordinates based Automated Query Generation for Complex Event Processing
The 2016 IEEE International Conference on Smart Data

Journal Publication

Automated Query Generation for Complex Event Processing: A Shapelets, Parallel Coordinates, and Clustering Based Approach
International Journal of Computing and Digital Systems (IJCDS) | Volume 6 | Issue 4

Fritz Kunz Memorial Challenge cup

Won the Fritz Kunz Memorial Challenge cup in 2012. This is awarded to the Most Outstanding Anandian at the Annual Prize Giving ceremony of Ananda College that stands as the most prestigious award ever obtainable by an Anandian. Ananda college is one of the leading primary and secondary educational institutes in Sri Lanka which has more than 7000 students.

Skills

- Java, C, Python, R, ReactJS, AngularJS, NodeJS, Spring, Maven, React Native

Senior Software Engineer

Apr 2017 - Jan 2019

Adroitlogic (Pvt) Ltd

AdroitLogic simplifies systems integration. The quality of the code and the performance of the platform lead to the deployment of the UltraESB at top tier organizations the world over, including at Walmart (6M TPS with 200 instances), Singapore Exchange Limited (SGX), Kuoni/HotelBeds (>335 instances), StageCoach and GeoSwift etc. AdroitLogic was bootstrapped in 2010 and has its offices in Sri Lanka.

Responsibilities

- Architect, lead developer and deployment engineer for AdroitLogic AS2Gateway.
- Maintainer of SGXNet-Trojan project & Eshopbox AS2Station Project.

Achievements

- Awarded with the most outstanding performer award for the years 2017 & 2018.
 - Engaged in numerous customer-related projects, onsite/offsite deployments including SGX, and GeoSwift.
 - One of the core developers of AdroitLogic UltraESB-X.
 - One of the core developers of SigmaIDE (A serverless development platform)

Skills

Java, Spring, Docker, Angular, Node, React, Distributed computing, Databases (Oracle, MySQL), Web-Services, REST-Service, AS2, ehCache, AWS, React, Serverless Computing

Google Summer of Code Intern & Contributor

Apr 2016 - Jan 2017

Eclipse Foundation

The Eclipse Foundation AISBL is an independent, Canada-based not-for-profit corporation that acts as a steward of the Eclipse open-source software development community, with legal jurisdiction in the European Union.

Responsibilities and achievements

- Developed the pair programming feature (an extension) for Eclipse CHE cloud-based IDE. (<https://www.youtube.com/watch?v=OZNceE-sWto>)

Skills

Java, GWT, Docker, Web Sockets, Algorithms, Eclipse Flux

Software Engineering Intern

Oct 2015 - Apr 2016

WSO2 inc

Responsibilities and achievements

- Developed the SDK auto-generation feature for WSO2 API Manager.
- Deployment and Stability improvements of WSO2 Enterprise Mobility Manager for the internal WIFI network.

Skills

Java, Spring, Angular, AWS, MySQL, AS2 Protocol, S/FTP Google Cloud

Projects

AS2Station deployment for Eshopbox Ecommerce (Pvt) Ltd

One of the two lead engineers and architect of the client project to maintain the AdroitLogic AS2Station, which is handling a large number of HTTP payloads in

- Containers
- AWS, GCP
- Version Controlling
- RDBMS, NoSQL
- Linux
- OOP, Multi-threading, advanced data
- Structures and algorithms
- Team player who does what it takes to get the job done

production via B2B protocol AS2.

AS2Station in high available deployment for World's Largest Internet (E-commerce) company

An engineer of the client project to maintain the AdroitLogic AS2Station with the guaranteed availability of 99.99% which is handling large HTTP payloads over 100 MB in production via B2B protocol AS2.

Automated Query Generator for CEP

Developed a platform that allows users to automatically or semi-automatically generate Complex Event Processing queries by finding event sequences from a given collection of events that had happened before.

Education

Bsc Eng Hons (Moratuwa) specialized in Computer Science and Engineering

Mar 2012 - Apr 2017

University Of Moratuwa
Second Class Upper

Volunteer Work

Rotaract Club of Alumni of University of Moratuwa

Aug 2016 - Aug 2017

Director of IT

Rotaract Club of Alumni of the University of University Moratuwa has been doing a lot of voluntary projects and I have been heading the information technology front of the club.

<https://rotaractalumnimora.org/>

Rotaract Club of University of Moratuwa

Jul 2014 - Aug 2016

Assistant Director of Public Relations & IT Director

I have been contributing to the Rotaract Club of the University of Moratuwa for more than 2 years and while doing that I have been heading multiple projects which have won awards at the district conferences.

<https://rotaractmora.org/>