

Shanaka Sandanayaka

No 87, Canawerella, Maussagolla, Sri Lanka
shagihan.github.io | shanakagihan@gmail.com | +94 77 9030064

EDUCATION

SRI LANKA INSTITUTE OF INFORMATION TECHNOLOGY (SLIIT)

BSc(HONS) IN INFORMATION TECHNOLOGY

Specializing in Software Engineering
2012 - 2017 | Colombo, SL

UNIVERSITY OF COLOMBO

MSC IN INFORMATION TECHNOLOGY
2018 - | Colombo, SL

LINKS

Github:// [shagihan](#)
LinkedIn:// [shanaka](#)
Twitter:// [@shagihan](#)
medium:// [@shagihan](#)

SKILLS

LANGUAGES, FRAMEWORKS AND TOOLS

- Java • Javascript • GIT
- ReactJS • ExpressJs • passportJS
- Spring Boot • Hibernate
- Maven • Gradel • WebPack
- Jenkins • CircleCI
- Docker • Kubernetes • EKS

DOMAIN EXPERT

Identity and Access Management

- OAuth2 • SAML 2.0 • OIDC
- XACML • SCIM • LDAP • NTLM
- Active Directory

INTEGRATION

- API Management • REST • SOAP
- Swagger • OpenAPI • gRPC

OTHER TECHNICAL

- Linux • TLS & SSL • JVM

SOFT SKILLS

- Good analytical skills • Proven leadership skills
- Interviewer • Mentor • Technical instructor

EXPERIENCE

WSO2 | ASSOCIATE TECHNICAL LEAD

Nov 2020 - Present | Colombo, SL

WSO2 | SENIOR SOFTWARE ENGINEER

Jan 2019 - Oct 2020 | Colombo, SL

- Involved in the development effort of the WSO2 API Manager & The WSO2 Identity Server.
- Attended On-site/Off-site customer engagements for solution identification & implementation.
- Designed and delivered many Identity & API related solutions for complex enterprise use cases. Including some fortune 500 companies.

WSO2 | SOFTWARE ENGINEER

Jul 2017 - Jan 2019 | Colombo, SL

- Worked with the WSO2 API Manager and WSO2 IoT(Internet of things) Team.
- Take ownership of complex technical problems and drive them to resolution, individually, as well as work effectively through escalations with the other teams.
- Mentoring and guiding the fresh joiners.

NAVANTIS | ASSOCIATE SOFTWARE ENGINEER

Mar 2017 - Jun 2017 | Colombo, SL

- Worked with the Microsoft technologies such as C# & MSSQL Server
- Built databases and table structures, Design and develop REST API's to present that information.

TNL RADIO NETWORK | WEB APPLICATION DEVELOPER

Mar 2016 - Mar 2017 | Colombo, SL

- Creating and maintaining 6 websites and 3 mobile applications for the leading radio network in the country.
- Enhancing and maintaining an award-winning news website (newsradio.lk).
- Supporting the development, management, and maintenance of all digital initiatives.

AWARDS

2018	WSO2	Sustained Outstanding Contributor (Out of 500+ employees)
2019	WSO2	Sustained Outstanding Contributor (Out of 650+ employees)
2012/2013	SLIIT	Recognition for Dean's List Award (Out of 100 + Students)

CERTIFICATIONS

Feb 2021	AWS	AWS Certified Solutions Architect Associate
Oct 2020	WSO2	WSO2 Certified Identity Server Developer - V5
Oct 2020	WSO2	WSO2 Certified API Manager Expert - V3
Aug 2020	WSO2	WSO2 Certified API Manager Developer - V3

TECHNICAL PROJECTS & CUSTOMER ENGAGEMENTS

HIERARCHICAL ORGANIZATION

MANAGEMENT | DEVELOPMENT TASK

LDAP, Java, Swagger, Apache CXF, OracleDB, Git

Design and implement REST APIs and LDAP managers to support organization-level user management for the WSO2 Identity Server.

RFC8693 - OAUTH 2.0 TOKEN EXCHANGE |

DEVELOPMENT TASK

Java, WSO2 Identity Server

Java implementation of the OAuth2.0 Token Exchange specification from the WSO2 Identity Server.

AUTH0 CONNECTOR FOR WSO2 API MANAGER

| DEVELOPMENT TASK

Java, Auth0, WSO2 API Manager

Connector implementation using java to integrate Auth0 Identity provider for IAM operations with the WSO2 API Manager.

IAM COMPONENT OF THE WSO2 IOT SERVER |

DEVELOPMENT TASK

Java, WSO2 IOT Server, OAuth2

Involved in the development process of the IAM Component (Responsible for authentication and authorizations) of the WSO2 IOT server with the java-based on OAuth2 specification.

WSO2 CIPHER TOOL | DEVELOPMENT TASK

Java

Involved in enhancing the Cipher tool, Which is a tool used to encrypt and decrypt plain text sensitive information of the configuration files in WSO2 servers. Involved in enhancing the excising feature to work with the new product releases.

IDENTITY SOLUTION FOR A

TELECOMMUNICATION PROVIDER | SOLUTION

WSO2 Identity server, WSO2 API Manager, SAML, SCIM 2.0

Designed and implemented a solution addressing platform onboarding requirements.

API MANAGEMENT & A IAM SOLUTION FOR A AUSTRALIAN TELECOMMUNICATION PROVIDER

| POC (PROFE OF CONCEPT)

WSO2 Identity server, WSO2 API Manager, XACML

Gathered use cases, contributed to the design, implementation and present the possible solution to address the customer's requirement of Fine-Grained Access Control when invoking API.

API MANAGEMENT & INTEGRATION PROJECT FOR A SPANISH ENERGY PROVIDER | QUICK

START PROGRAMME

WSO2 API Manager, WSO2 EI, AWS CloudFormation, Puppet

Designed and implemented a solution for an advanced integration use case ensuring high availability and fault tolerance using the services available in AWS infrastructure.

INTEGRATION & IAM SOLUTIONFOR LATAM BANK | SOLUTION

WSO2 IS, LDAP, SAML

Gathered use cases, contributed to the design, implementation, and production issue assistance for the bank.

Will provide with contact details of Non-Related Referees upon a request.