

Girija Shankar Swain

- 10+ years of professional experience in designing, developing enterprise applications
- 2+ years of professional experience in architecting, developing cloud native applications on AWS
- AWS Certified Solutions Architect
- Expertise in Microservices, Serverless, Event driven architecture and Domain Driven Design
- Expertise in Java and JavaScript
- Beginner in Artificial Intelligence, Python, Azure

<https://www.linkedin.com/in/girija-shankar-swain>

<https://stackoverflow.com/users/4601120/gsswain>



Professional Skills

Solution Design: ★★★★★☆
Application Architecture: ★★★★★☆
Technology Architecture: ★★★★★☆
AWS: ★★★★★☆
Azure: ★★☆☆☆☆

Achievements

- Annual Team Performance Award (2019-2020)
- Quarterly Team Award (2019)
- Quarterly Individual Performance Award (2018)
- Team Performance Award (2015)
- College Topper Award

Education

Master of Computer Applications
Indira Gandhi National Open University
Graduated in June 2016 with 63%

Bachelors in Computer Applications
Berhampur University
Graduated in June 2010 with 83%

Languages

English: ★★★★★★
Odia: ★★★★★★
Hindi: ★★★★★☆

Interests

- Following Cricket
- Travelling & Capturing Landscapes

Professional Summary

Aegon Life Insurance Company

Principal Engineer

Feb 2019 - Dec 2020

As a cloud solutions architect, I contributed primarily on application and technology architecture. Below are some of the highlights.

- Built the cloud native platform from scratch (using SpringBoot2 and Spring-Cloud-AWS) which addressed the cross-cutting concerns like error handling, monitoring, tracing, centralized logging, distributed caching etc.
- Built the core Event and Command structures for event driven architecture.
- Built a multi-tenant policy administration system with the capabilities of B2B insurance sales which allowed onboarding of e-commerce platforms like PayTM, MobiKwik, Flipkart to name a few.
- Architected the solution for high throughput which was one of the primary goals for the cloud native solution.
- Worked with the Aegon Europe team on building the Knowledge Management System and Conversational engine (for Chatbot).
- Built various patterns around the process engine (Camunda) for asynchronous execution.
- Built the template for AWS Lambda based Serverless development.
- Designed a cost effective Serverless PDF generation service.
- Designed and developed a Serverless Communication service.
- Developed a Proof of Concept for an embeddable Webcomponent for insurance sales journey.
- Improved DevOps practices working with the DevOps engineers.
- Initiated and facilitated Architecture Review Board for evolving the architecture.
- Facilitated technology related sessions.
- Kept the technology stack updated, cost effective and relevant.
- Mentored and managed a team of software engineers both from Aegon Life and Saksoft (our consulting partner).
- Conducted technical interviews and helped grow the team of software engineers.

<https://gsswain.com>