

# Girija Swain

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🌐 <https://gsswain.com>

- 12+ years of professional experience in solving business problems using right technologies and people skills
- 9+ years of professional working experience with Fin-Techs (Banking and Insurance)
- Expertise in Microservices, Serverless, Event Driven Architecture, Domain Driven Design and Solution Architecture
- AWS Certified Solutions Architect - Associate (Jul 2018 - Jan 2025)
- Strong programming skills in Java and JavaScript

🌐 <https://www.linkedin.com/in/gsswain>

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



## 📅 Employment Timeline

### Lead Engineer at Macquarie Group, Sydney

Feb 2022 - Present

I'm building upon the entitlements platform on GCP which supports customer authorisations for electronic banking, mobile banking along with the authorisations for open banking - Consumer Data Right (CDR). Below are some of the highlights:

- Created solution for onboarding the business banking customers to the new entitlements platform.
- Led the migration of millions of customers and their accounts to the new strategic entitlements solution.
- Improved engineering practices and new developer onboarding process.
- Designed and built apis to manage entitlements from the CRM platform.
- Designed and built apis to manage entitlements for CDR and consent lifecycle management.

## 🔧 Professional Skills

Microservices:	★★★★☆
Serverless:	★★★★☆
AWS - Solution Architecture:	★★★★☆
Java:	★★★★☆
JavaScript:	★★★★☆

## 🏆 Achievements

- 5K+ reputation on Stack Overflow
- Annual Team Performance Award (2019-2020)
- Quarterly Team Award (2019)
- Quarterly Individual Performance Award (2018)
- Team Performance Award (2015)

### Principal Engineer at Aegon Life Insurance Company (ALIC), India

Feb 2019 - Dec 2020

I architected and built a cloud native policy administration solution on AWS with a lot of agility in a startup like environment. Below are some of the highlights:

- Designed and built the event-driven cloud native platform from scratch (using SpringBoot 2.X and Spring cloud AWS) which addressed cross-cutting concerns like monitoring, observability, resilience, distributed caching etc.
- Designed and built a multi-tenant policy administration system with B2B insurance sales, which allowed onboarding of e-commerce platforms like PayTM, MobiKwik, Flipkart etc.
- Built various patterns around the business process orchestrator (Camunda) for asynchronous execution which became a Solution Building Block.
- Initiated and facilitated Architecture Review Board.
- Collaborated with the Aegon Europe team on designing and building Knowledge Management System and Conversational engine (Chatbot).
- Collaborated with ThoughtWorks (one of our consulting partners) to improve our engineering practices, processes and customer experience.

## 🎓 Education

### Master of Computer Applications

#### Indira Gandhi National Open University

Graduated in June 2016

### Bachelors in Computer Applications

#### Berhampur University

Graduated in June 2010

## 🎯 Interests

- Playing Cricket
- Travelling & Capturing Landscapes
- Riding bikes