



# SWAPAN KUMAR SOREN

## CONTACT

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[GitHub](#) | [LinkedIn](#)

## SKILLS

**CLOUD :** Azure, Oracle, AWS, GCP

**Cloud Services :** Cloud VM, EC2, Azure Vm, VPC, Azure Network, S3, Azure Storage, Cloud Storage, GKE, AKS, EKS, Cloud Watch, Cloud Monitoring, Azure Monitor, etc.

**SCAN Tools :** SonarQube, Coverity, WhiteSource, CodeQL, Dependabot

**BUILD Tool :** Maven

**REPO :** GitHub, Gitlab

**CI/CD :** Azure Pipeline, GitHub Actions, Jenkins

**CONTAINER :** Docker, Kubernetes

**MONITORING :** ELK, Prometheus, Grafana, Datadog, Jaeger, Kiali

**IAC :** Terraform, Ansible

**LANGUAGE :** Java, Python

**Database :** Oracle, MySQL

**Project Management :** Jira, Confluence, Cast Highlight

**Collaboration :** Slack, Google Workspace, Office 365

Enterprise Applications and DevOps Cloud Architect with 9+ years of experience seeking a challenging role in an organization that values professional growth and rewards individual and team accomplishments. Proven ability to design, develop, and implement innovative cloud-based solutions that optimize business processes and improve operational efficiency.

## EXPERIENCE

### Senior Advisory Consultant

Jan 2024 – Till Date

Cognis Solutions, Bangalore

- GCP Apigee Implementation:**  
Architected and implemented Apigee API management solutions. Enabled API security and governance, ensuring robust API lifecycle management.  
Enhanced API reliability and performance, reduced downtime by 30%, and improved API security compliance.
- GKE Zero Downtime Deployment with GitOps:**  
Designed and implemented a GitOps-based CI/CD pipeline for GKE. Automated deployment processes ensuring zero downtime.  
Utilized Helm charts and ArgoCD for seamless application updates. Increased deployment frequency by 40%, reduced deployment errors by 50%, and achieved continuous delivery with zero downtime.
- MTLS Implementation on Load Balancer:**  
Implemented MTLS (Mutual Transport Layer Security) on GCP load balancers. Enhanced data security during transit, ensuring end-to-end encryption. Integrated with GCP IAM for robust authentication and authorization. Improved data security, reduced risk of data breaches, and enhanced compliance with security standards.

### Senior Advisory Consultant

Sep 2021 – Jan 2024

IBM, Bangalore

- Orchestrated the seamless migration of 100+ applications to the Google Cloud Platform and Azure Cloud Platform, resulting in a remarkable 20% reduction in infrastructure costs and a significant 15% enhancement in application performance metrics.
- Led the implementation of a continuous build environment that automated the testing and deployment of new code, increasing software development velocity by 25%.
- Managed and reviewed the technical operations of a team of 10 engineers, ensuring that all applications were running smoothly and efficiently.

## CERTIFICATION

Oracle Cloud Infrastructure 2021 Certified Architect Professional

[282349437OCICAP2021OPN]

Google Cloud Certified Professional Cloud Architect [Certification ID: uQRnpq]

Microsoft Certified: Azure Solutions Architect Expert [Certification Number: I316-9958]

## EDUCATION

B. Tech, Computer Science

Bharath University, Chennai,  
Sep 2008 - Mar 2012

ICSE and ISC

De Nobili School, FRI,  
May 2005 & May 2007

## EXPERIENCE

**Senior Software Engineer**

**Sep 2018 - Sep 2021**

**DXC, Bangalore**

- Developed Ansible scripts to automate the update of system components, reducing the time it takes to update systems by 50%.
- Created Jenkins file to automate 25% more tasks in AWS CI/CD pipeline, increasing efficiency, scalability, and deployment speed.
- Created a docker-compose file and upgraded an existing dockerfile, making it easier to deploy and manage containerized applications.
- Designed the data flow of new user stories and worked on UAT bug fixes and enhancements, helping to ensure that new features are delivered quickly and efficiently.
- Upgraded the framework with new business logics, improving the functionality and usability of the application.
- AWS solutions implemented in Terraform, including EC2, S3, IAM, EBS, ELB, security groups, auto scaling, and RDS, reduced infrastructure costs by 20% and improved deployment speed by 50%

**Senior Software Engineer**

**Feb 2016 - May 2018**

**Tek Systems, Bangalore**

- Redesigned existing data loading scripts, reducing data loading time by 50% and improving data accuracy by 99%.
- This resulted in a significant improvement in the efficiency and accuracy of the company's data pipeline, which led to better decision-making and improved business outcomes.
- Led a team of 5 engineers in the migration of a large-scale database to a new platform, resulting in a 20% improvement in performance and a 15% reduction in costs.
- Developed and launched a new product using AWS Cloud Platform. Creating SaaS product listing in AWS Marketplace using EKS, helm and spring boot. Configuring a SaaS product listing like product search. Setting up pricing and purchasing options for SaaS products. Configuring the end-user license agreement (EULA).