

# Shubhendu Ganguly

DEVOPS ENGINEER · CLOUD SPECIALIST

Leipzig, 04315, Germany

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*“Architecting scalable cloud solutions with security-first DevOps principles.”*

## Summary

DevOps Engineer and Cloud Specialist with 12+ years of experience in designing and optimizing scalable cloud infrastructure for digital health and fintech solutions. Expertise in cloud architecture, Kubernetes, CI/CD pipelines, and infrastructure automation.

Skilled in integrating DevSecOps practices with a security-first approach across the development lifecycle. Proven track record in architecting hybrid cloud solutions with high availability, scalability, and performance. Strong backend development skills, proficient in Python, TypeScript, and cloud-native technologies.

Dedicated to mentoring teams, driving best practices, and fostering knowledge sharing in agile environments. Continuously exploring emerging technologies to enhance system reliability, security, and efficiency.

## Work Experience

### Selfapy GmbH

DEVOPS ENGINEER

Leipzig, Germany

Jan 2023 – Present

#### • Responsibilities:

- Designed secure, scalable infrastructure for a certified digital health platform
- Delivered IaC solutions and supported backend development in an agile team
- Took architectural ownership, ensuring performance and compliance
- Streamlined CI/CD and supported web/mobile deployment with React tech stack

• **Technologies:** Kubernetes, Helm, Ansible, AWS, Docker, Linux, GitHub Actions, Ruby (Hanami), Crystal, ReactJS, React Native

### Klarna (Stocard)

SENIOR SOFTWARE ENGINEER

Remote

Dec 2022 – Present

#### • Responsibilities:

- Managed backend/DevOps for the Stocard platform
- Led Kubernetes cluster operations, CI/CD, and AWS infrastructure
- Drove infrastructure integration/migration between Klarna and Stocard

• **Technologies:** Kubernetes, EKS, AWS CDK, ArgoCD, Helm, Jenkins, RabbitMQ, Bash, ECS, Route53, Transit Gateway, PrivateLink

### German Cancer Research Center

CLOUD SPECIALIST / DEVOPS

Heidelberg, Germany

Jan 2022 – Dec 2022

#### • Responsibilities:

- Built hybrid cloud architecture across multi-datacenter environments
- Implemented service and event mesh designs using Kubernetes
- Led security hardening and supported agile delivery pipelines

• **Technologies:** Kubernetes, CI/CD, Service Mesh, Event Mesh, Edge Computing, Cloud Security, Pen Testing

### Hyland Software

CLOUD ARCHITECT / DEVOPS

Kolkata, India

2014 – Jan 2022

#### • Responsibilities:

- Led SaaS cloud architecture and CI/CD automation efforts
- Delivered microservices-based platforms and legacy modernization
- Defined DevOps strategy, release pipelines, and cloud operations

• **Technologies:** AWS, Kubernetes, Terraform, Ansible, Jenkins, Spinnaker, Octopus, .NET Core, C#, Kafka, GraphQL, MongoDB, Node.js, Python

### Infosys Technologies

TECHNICAL LEAD

Bhubaneswar, India

2012 – 2014

#### • Responsibilities:

- Led modular app development and client demos
- Ensured code quality, architecture compliance, and release readiness

• **Technologies:** C#, SQL Server, Azure SDK, SignalR, RabbitMQ, Quartz

Kolkata, India

2008 – 2012

- ## Wipro Technologies

Bangalore, India

2008

- IBM India Private Limited**

## India

Aug 2007 – Jul 2008

- ## MEC Technologies

Kolkata, India

2006 – 2007

- ## Websoft Technologies

Kolkata, India

2005 – 2006







- # Languages

- Bengali (Native), Odiya (Fluent), English (Fluent), German (Intermediate)

## Technical Skills

DevOps & Cloud	AWS (EC2, EKS, Lambda, RDS, VPC, IAM, Route53), Kubernetes, Docker, Terraform, Ansible, Helm, Jenkins, GitHub Actions, ArgoCD, Spinnaker, Octopus, OpenStack, Hybrid/Edge Cloud
Programming & Scripting	Python, TypeScript, C#, Bash, PowerShell, Groovy, Ruby, Crystal, Node.js
Monitoring & Security	Prometheus, Grafana, Datadog, Kibana, Kiali, CloudWatch, TLS/SSL, IAM, Secrets Management, Pen Testing
Databases & Messaging	PostgreSQL, MySQL, MongoDB, Redis, Elasticsearch, SQL Server, Oracle, RabbitMQ, Kafka
Frameworks & Tools	REST, GraphQL, Microservices, SAP ABAP, ReactJS, React Native, ExtJS, GDI, Crystal Reports, Git

## Certifications

<b>AWS Certified Solutions Architect – Associate</b> , Amazon Web Services	 <a href="#">Verify</a>
<b>AWS Certified Cloud Practitioner</b> , Amazon Web Services	 <a href="#">Verify</a>
<b>Microsoft Certified: Azure Applications (70-528)</b> , Microsoft	
<b>AWS EKS Kubernetes Masterclass</b> , Udemy	 <a href="#">Verify</a>
<b>Istio Hands-On for Kubernetes</b> , Udemy	 <a href="#">Verify</a>
<b>AWS Certified Security – Specialty (SCS-C01)</b> , Amazon Web Services	 <a href="#">Verify</a>
<b>Design, Deploy, and Manage Secure, Scalable Cloud Infrastructure using Terraform, Kubernetes on Google Cloud, and AWS, with a Foundation in Data, ML, and AI.</b> , Udemy	 <a href="#">Verify</a>

## Education

## University of Calcutta

Calcutta, India

Month Year - Month Year

- Graduated with Honors