



# Siddharth Shroff

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

## SKILLS

### PROGRAMMING

Languages:

Advance: Java, Javascript(Nodejs)

Frameworks:

Advance: Spring MVC, Spring Boot, Hibernate, Spring Security, REST, SOAP

Databases:

DB2, Informix, MongoDB, PostgreSQL

Architecture:

Microservices, Event-driven architecture, TDD/BDD, Monolithic

Methodology:

Waterfall, Agile

Cloud Technologies:

Intermediate: Docker, Kubernetes, AWS(RDS, EC2, LAMBDA/Serverless, IAM, EKS, ECR, Cloud Watch), Elastic Cache(Redis), [IBM Cloud](#)

DevOps:

Jenkins, Gitlab, SVN/Git/Maven

Tools:

Advance: Confluent Kafka, JMeter, SonarQube  
 Intermediate: Apache Ignite, Burp suite, Nginx

Monitoring:

Prometheus, Grafana, Kiali

## EDUCATION

### Dharmsinh Desai University

Master of Technology in Information Technology  
 May 2013 | C.G.P.A- 6.7

### Hemchandracharya University

Bachelor of Engineering in Information Technology  
 May 2011 | C.G.P.A- 6.0

## EXPERIENCE 9.2 years

### Tata Consultancy Services | SENIOR SOFTWARE ENGINEER

Client: DWP Digital, UK

Apr 2022 - Present | Newcastle, UK

Apr 2020 – Mar 2022 | Mumbai, India

- Enabled client payment architecture with IVR capabilities which improved customer journey, usability and availability resulting to cut down the client cost by 80%. ([link](#))
- Leading microservices team which delivers and maintains ~50+ microservices. Built tactical/strategic services or boiler plates which reduce overall development efforts.
- Leveraged AWS services like EKS, LAMBDA, EC2 to transform the on-premises Crown hosted data centers to cloud using GitLab and Jenkins with minimal cost.
- Research and evaluate a variety of SaaS/IaaS or software products along with their POC for overall digital transformation. (MirrorMaker2, Nginx, Portainer)

Client: PostNord AB, Sweden May 2017 – Mar 2020 | Oslo/Åndalsnes, Norway

- Handled agile economy tribe for the client. Training and handling junior colleagues in an onshore-offshore setup.
- Prepared technical documents to understand new business in Norway and proposals to fill gaps.

### Tata Consultancy Services | SOFTWARE ENGINEER

Client: Gov. Of Karnataka

Sep 2013 – May 2017 | Ahmedabad, India

- Delivered a mobile application for citizen complaint reporting for a city council using IBM Bluemix cloud and Watson based AI backed image recognition technology based on Android.
- Revamped framework for large application which handled 20+ billion INR/Month transactions between 20+ external systems using 300+ integration services benefiting 64 million people.
- Redesigned security of framework to add various customized levels of security requirements along the OWASP guidelines and ensured ITHC checks.
- Designed and implemented Apache Ignite cache across the distributed servers resulting into overall performance improvement by 148%.
- Handled packaging and deploying the application using Jenkins and ANT script-based pipeline. Proactively designed and implemented crisis managing Jenkins process.

## AWARDS

2020 Technical Excellence Award  
 2017 On the Spot Award  
 2015 Special Initiative  
 2014 Best Team

## PUBLICATIONS

- [1] S. Shroff, V Dabhi. Dew Point modelling using GEP based multi objective optimization. ([arXiv:1304.5594](#))