



# SACHIN SHETTY

MASTER INFORMATIK

FULL STACK SENIOR ENGINEER

### CONTACT

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### SKILLS

#### Programming Language

- Java
- C++
- Python
- SQL

#### Database

- Oracle
- Postgre

#### DevOps

- Github
- Jenkins
- Docker
- Kubernetes

#### Frameworks

- Spring
- Django
- Flask
- Hibernate

#### Cloud Service

- AWS
- MS Azure

### WORK EXPERIENCE

#### Software Developer

BusinessCode GmbH Aug 2019 - Jan 2020

**Tech Stack** - Java, JavaScript, Echarts, Apache Tomcat  
**Description**

- Successfully developed Apache Echarts for logistics
- Worked Extensively with Java Hibernate

#### Senior Software Engineer

EFI India May 2018 - Oct 2018

**Tech Stack** - Java, Hibernate, Docker, Jenkins, HTML, XML  
**Description**

- Worked on Docker to improve DevOps deployment
- Used alpine-linux to decrease cost for cloud
- Improved multiple deployments infrastructure
- Improved Dev productivity by linking Sonarqube to Jenkins build tool
- Added JUnit tests for new feature addition and service requests in an Agile environment in Java and JavaScript

#### Research Assistant

K. L. E. Tech. University May 2017 - Apr 2018

**Tech Stack** - Python, Tensorflow, Tensorflow Serving, Flask server, HTML, CSS  
**Description**

- Development of transfer learning based model for classifying templates.
- Built Web Application using Flask and Tensorflow for Template search using Image input.
- Collected data for multiple templates with DJI Phantom drone for 3D reconstruction .
- Research on ML algorithms for Wheelchair Pedestrian Detection and Data Collection.

#### System Analyst

Subex Limited Sep 2013 - Apr 2017

**Tech Stack** - Java, Hadoop, Spark, Hive, C++ , Oracle SQL, Hibernate, AngularJS, Ionic Framework, Subversion, Azure  
**Description**

- Worked on Hive project for migrating daily report data from Oracle DB to Hive with Agile methodologies.
- Built a platform independent mobile version using Ionic Framework for Dashboards with SDLC approach
- Built a migration tool for seamless update between new deployment implementing software design pattern
- Ported Database setup from SQL to Hibernate framework for improving Back-end development
- Integrated Infinispan Distributed Cache Framework with Oracle Database.
- Designed and implemented JPQL support for C++ server for Infinispan.
- Built Fraud detection software using Mobile app with GCM server in native Android
- Worked on fixing bugs and adding UTs to ROR client

## AREAS OF INTEREST

Cloud Computing  
Software Development  
Database Management  
Full Stack Development  
Project Management

## LANGUAGE

German	A1
English	C1

## SOCIAL LINKS

### Github

<https://github.com/sachinsshetty>

### LinkedIn

<https://linkedin.com/in/sachinlabs>

### Xing

[https://xing.com/profile/sachin\\_shetty9](https://xing.com/profile/sachin_shetty9)

## EDUCATION

### MS Informatik

University of Bonn, Germany    Oct 2018 – Present

**Tech Stack** - Python, C++, CUDA, Pytorch, Tensorflow, Java

Researched in the field of Deep Learning, Computer Vision, Data Science, Machine Learning, Neural Networks, CUDA.

### BE Information Science

BVBCET, India    Sep 2009 – Jun 2013

**Tech Stack** - Java, C++, SQL, Android, HTML, CSS, JavaScript

Studied various subjects like Software Engineering, Databases, Operating System

## OPEN SOURCE

### Java Micro-services

#### Revive

**Tech Stack** - Java, Dropwizard, SpringBoot, PostgreSQL, Docker, AWS, ReactJS, JUnit, git, GithubActions, Gradle.

#### **Description -**

Template library for RESTful Web Applications with Micro-Services.

#### Shop

Online Shop using Micro-Services built with Revive

### Website

#### [gaganyatri.com](https://gaganyatri.com)

Portfolio site built using Jekyll, CSS, Markdown

#### Samruddhi

Simple Library UI built using ReactJS and Github Pages

## PUBLICATIONS

### Trace Transform Based Identifier for Speech Based Image Retrieval On Mobile Phones

2013, ICACCI,  
<https://ieeexplore.ieee.org/abstract/document/6637307/>

Designed and implemented algorithm using Trace Transform on Speech Spectrogram.

### Special Pedestrian and Head Pose Detection for Autonomous Vehicles

2018, ICSC,  
<https://link.springer.com/book/10.1007/978-981-13-2553-3>

Designed and implemented a ML algorithm to detect Wheelchair pedestrian from Video.