



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

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

Website

gaganyatri.com

Portfolio site built using Jekyll, CSS, Markdown

Covid Help

Publish Covid statistics with automatic Tweet for Hubballi City with JavaScript, Github Actions and Twitter API

Java Micro-services

Revive

Tech Stack - Java, SpringBoot, PostgreSQL, Docker, AWS, ReactJS, OAuth, JUnit, git, GithubActions, Gradle.
A Full Stack Micro-services application for simulation of Autonomous Vehicle Tech Infrastructure

Games

Dont Eat(Me)

Developed a game during Game Hackathon 2019 using HTML, CSS, JavaScript and Phaser Game Engine

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.