

# Mangesh Aher

Software Engineer at Talentica Software  
B.Tech.in Computer Science and Engineering  
from NIT Nagpur

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## Links

Github:// [mangeshaher](#)  
LinkedIn:// [mangeshaher](#)

## Skills

### OS

Linux, Windows

### LANGUAGES

C/C++, Java, Python

### FRAMEWORK

Spring BOOT, Spring JPA, Spring DATA,  
Spring Microservices

### LIBRARIES

NumPy, Pandas, Scikit-Learn,  
Keras, Matplotlib, PyPlot

### DATABASES

SQL Server, MongoDB

### VC AND BUILD TOOLS

Git, Jenkins, Nexus, Gradle,  
Maven

### CLOUD SERVICES

AWS (Beginner level)

## Education

2015-2019

B.TECH. IN CSE  
VNIT NAGPUR  
CGPA : 6.13/10

2013-2015

JUNIOR COLLEGE(11-12TH)  
Radha Junior College, Nagpur  
Percentage: 87.69%

2003-2013

HIGH SCHOOL  
Vidya Niketan Convent, Nagpur  
Percentage: 92.36%

## Experience

MARCH 2020-NOW **Talentica Software**

**Software Engineer**

Working on an Insurance product for a US Based Client. The product supports Automatic Underwriting and Manual Underwriting Work-Bench for LifeInsurance and AutoLoan Carriers. ThirdParty services are involved for calculating risk in issuing policy.

JULY 2019-FEB 2020 **Infosys Ltd**

**Systems Engineer - Specialist**

Completed Training Program in JAVA FullStack. The training involved hands-on development practice on mini-projects following Agile Scrum Development Pattern.

## Projects

### Decision Service

**Talentica**

The application performs risk calculation for issuing policy to Applicant on the basis of data provided by Applicant and by making calls to Third Party Information Services. My Contribution included writing APIs and services for risk re-calculation when Underwriter modifies sum assured, modifies or adds particular medical condition or modifies other risk factors.

*JAVA 8, SQL Server, Spring BOOT, Spring DATA, Apache Kafka*

### Product Configurator

**Talentica**

The application provides a platform to onboard a Financial Carrier and allows admin to setup financial products. It also provides various templates of products that can be used to bootstrap a product. My contributions included creating backend APIs and corresponding services for displaying the process and requirements configured for particular product inside financial carrier, writing Mongock template migrations for configuring process and requirements.

*JAVA 8, SQL Server, Spring BOOT, Spring DATA, MongoDB*

### Quote Service

**Talentica**

The application provides policy quote to an applicant after he fills forms regarding his personal, medical history details. My contributions included calculating and storing one time premium and recurring premium details in DB for Rider and Non Benefit plans and also providing an API to display them in Front End.

*JAVA 8, SQL Server, Spring BOOT, Spring DATA, Apache Kafka*

### Bitcoin Future Price Classification and Prediction

**VNIT Nagpur**

This was Final Year Project of Graduation. Implemented a classification and prediction model for checking whether the price will increase after n minute or not, incorporating Google Trends web search rate as feature along with other time series market features. A prediction model was built for predicting the price after n minute using time series features of past prices. Achieved an accuracy of upto 57 % in classification and an mean absolute error of upto 14 \$ for price range of 6500 \$ to 7200 \$ in prediction.

*Python, Pandas, Numpy, Scikit-Learn, Keras*