

# Niraj Kumar Singh

Durgapur, West Bengal

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## PROFESSIONAL SUMMARY

- Highly motivated and determined professional with 3+ years IT experience.
- Proficiency in Python, Python Data Science libraries. Relevant skills include machine learning, data processing, analysis & visualization and problem solving.
- Intermediate knowledge in Deep Learning, NLP and Time Series Analysis.
- Knowledge on Agile methodology & experience of working in scaled agile (SAFe) framework.

## EXPERIENCE

**Tata Consultancy Services Ltd.**  
Systems Engineer

12/13/2018 - Present

## EDUCATION

**Bengal College of Engineering & Technology**  
B.Tech (Electronics & Communications)  
CGPA: 7.87

2018

**Bidhan Chandra Institution**  
Intermediate (WBCHSE)  
Percentage: 66%

2014

**GTBPS**  
High School (CBSE)  
CGPA: 7.2

2012

## TECHNICAL SKILLS

**Programming Language:** Python

**Python Libraries:** NumPy, Pandas, Matplotlib, Seaborn, Scikit Learn, TensorFlow (Basics)

**Other skills/Tools:** Flask, PyTorch, Jira, GitHub, Visual Studio Code, Jupyter Notebook, PostgreSQL.

## TRAININGS & CERTIFICATIONS

- Python for Data Science Professional: Edureka
- TensorFlow 2 & Keras Deep Learning Bootcamp, Udemy
- SAFe Certification: Agile SAFe Practitioner 5.0

## ACHIEVEMENTS & EXTRA-CURRICULAR ACTIVITIES

On the Spot Award for solving complex E2E testing scenario.

Active participation in weekly Hackathons organised in TCS.

GitHub Profile: [nirajsingh08 \(github.com\)](https://github.com/nirajsingh08)

## WORK EXPERIENCE

**Project:** Optumera (TCS Internal)

**Duration:** Apr 2020 – Present

**Domain:** Retail & TTH

**Role:** Engineer. Data Science & Machine Learning

**Responsibilities:**

Involved in getting data from client, process & visualize data to find meaningful insights and report the same to scrum master. Working with data to fit different machine learning models to get the best performance metrics as directed by customers.

Following Agile methodology, by joining daily internal team scrum calls to share daily updates and blockers if any.

Regularly updating stories in Jira to keep track of workflow.

Worked on feedback analysis project for airline client for identifying negative feedback given by customers. This resulted in automating manual process of identifying customers not having good in-flight experience, and they can be rewarded with promotions.

**Project:** Travelport

**Duration:** Feb 2019 – Feb 2020

**Domain:** TTH

**Role:** Performance Tester

**Responsibilities:**

Executing E2E testing in dedicated Production Readiness environment. Script creation & execution for multiple applications, analysing test results and finding root cause of issues identified.