

# Tanya Shekhawat

9tanya18@gmail.com | (+91) 6376726396 | Portfolio [🔗](#)

 @Tanya-Shekhawat

 /tanya-shekhawat

## EXPERIENCE

### ❖ Data Science Intern | Hamoye (January 2023 - May 2023)

- Worked to identify the underlying causes of violence in Africa by gathering and analyzing the data and developed a model to anticipate violent acts that would occur in the future - Microsoft Azure, XGBoost, Streamlit, Python, Git.
- Worked with the customer management team to analyze customer spending habits and forecast their future behavior by building a machine-learning model - Regression, Python, Git.

## SKILLS

- ❖ Python, Java, R
- ❖ Pandas, Numpy, Sikitlearn, Microsoft Suite, Google Workspace
- ❖ HTML, CSS, Javascript, SpringBoot, ReactJS

## EDUCATION

- ❖ B.Tech CSE Hons. specialization in AI | SAGE University CGPA: 8.54 | (Nov'21 - Jun'25)
- ❖ Software Engineering BootCamp | Lithan, Singapore (Nov'21 - Dec'22)

## PERSONAL PROJECTS

- ❖ **Jumpstart Sales Prediction** [\[Link\]](#)
  - Developed a sales predictor model that predicts sales of items based on items outlet size, visibility of item, item price, and other factors.
  - Python, Pandas, Jupyter Notebook, RandomForest regression, HyperParameter tuning, Pandas, Numpy, Klib, Dtale, Seaborn, Scikit-learn, Excel, CSV, Word.
- ❖ **Iris Flower Prediction** [\[Link\]](#)
  - Developed an Iris flower predictor that predicts Iris flower type based on sepal and petal length-width.
  - Python, Pandas, Jupyter Notebook, Linear regression, Pandas, Numpy, Matplotlib, Excel, CSV, Word, Seaborn, Scikit-learn.
- ❖ **ABC Jobs Portal** [\[Link\]](#)
  - Developed a job portal where software engineers can search, post and apply for jobs and admin can manage user data.
  - SpringBoot, Spring Security, MySQL, Waterfall SDLC model, Functional, Non-functional, and security testing.
- ❖ **ABC Learning Center** [\[Link\]](#)
  - Developed a website to promote ABC Institute and its courses online.
  - HTML, CSS, JavaScript, Waterfall SDLC model, Unit testing and Usability testing, VSCode.

❖ **KN News Blog Site** [\[Link\]](#)

- Developed a News blog website where all the latest news is fetched from news API and is displayed. Users can create and post a blog and embed photographs. Also has a listing page that displays a list of various blog posts as cards.
- HTML, CSS, JavaScript, Firebase, API, NPM.

❖ **ABC Cars Portal** [\[Link\]](#)

- Developed a website where users can sell, buy, search and bid for a car and the admin can manage user and car data.
- SpringBoot, Spring Security, MySQL, Sprial SDLC model, Junit, Functional, Non-functional, and security testing.

❖ **MCQ Test System** [\[Link\]](#)

- Developed an application that allows users to select a subject out of three and take the MCQ test.
- Java, Junit, IntelliJ idea

❖ **AAA Web Host Solutions Service Company** [\[Link\]](#)

- Developed a website where users can purchase web hosting services and admin can manage the user and services data
- LifeRay framework, MySQL, LiferayDeveloperStudio

## CERTIFICATES

- Machine Learning and Microsoft Azure - Microsoft 2023 [↗](#)
- A New Age of AI: Features and Futures - SAGE University 2023 [↗](#)
- Introduction to Python - 365 Data Science 2022 [↗](#)
- Introduction to Jupyter - 365 Data Science 2022 [↗](#)
- Business Analysis Foundation - LinkedIn 2022 [↗](#)
- Data Science Bootcamp - Scaler 2022 [↗](#)
- Introduction to SQL for Data Science - Scaler 2022 [↗](#)
- Tableau for Data Science - Scaler 2022 [↗](#)
- Data Analysis with R Programming - SAGE University, Bhopal 2022 [↗](#)
- Data Science with Python - SAGE University, Bhopal 2022 [↗](#)
- Spring Boot 2.0 Essential Training - LinkedIn 2022 [↗](#)
- Web Development Foundations: Web Technologies - LinkedIn 2022 [↗](#)
- Learning JUnit 5 - LinkedIn 2022 [↗](#)
- Spring: Spring MVC-LinkedIn 2022 [↗](#)
- Learning REST APIs - LinkedIn 2022 [↗](#)
- Java Essential Training: Syntax and Structure - LinkedIn 2022 [↗](#)
- Bootstrap 5 Essential Training LinkedIn 2022 [↗](#)
- ASP.NET Core: Communication Management - LinkedIn 2022 [↗](#)
- Learning Relational Databases - LinkedIn 2022 [↗](#)
- Java EE: Servlets and JavaServer Pages (JSP) - LinkedIn 2022 [↗](#)
- Web Security: OAuth and OpenID Connect - LinkedIn 2022 [↗](#)

## POSITION OF RESPONSIBILITY

- ❖ **Class Representative | SAGE University** *(Nov'21- Present)*
- Organized coding sessions & conducted sessions during online classes on data science-related topics.

## ACHIEVEMENTS

- Awarded as Best Senior Student - Category: Music [2020-21]
- Qualified for All India Public School(IPSC) Music Fest competition for 5 consecutive years
- Secured 2nd position as Best Cultural Cadet at AIGTK camp held by Military of India
- Held the top spot in Fuchsia [Interhouse music event] for 3 consecutive years