# Tanya Shekhawat

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@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, HyperParameterning, 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, Leniar 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 ↗

## ACHIEVEMENTS

- ❖ **SisTec Innovation Hackthon | Secured 2nd place [Link]**
- ● Participated in the SisTec Innovation Hackathon 2023 and won the 2nd prize after 36 hours of non-stop coding.
- ❖ **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**