# Alisha Shaikh

Product Engineer & Full-Stack AI Developer

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## SUMMARY

Aspiring Python and JavaScript Developer with strong foundations in full-stack development, machine learning, and UI/UX design. Skilled in building responsive web applications, interactive dashboards, and data-driven solutions using Python, React, Streamlit, and MySQL. Experienced in projects ranging from secure online voting platforms to predictive analytics and visualization tools.

## EDUCATION

**Bachelors on Science in Information Technology (BSc.IT)** 08/2022 – 05/2025
*Sasmira's Institute of Commerce & Science* Mumbai, Maharashtra
CGPA: 9.6

## PROFESSIONAL EXPERIENCE

**Administrative Staff - Sasmira Institute of Commerce & Science (SICS) (Internship)** 05/2023 – 07/2023
Mumbai, Maharashtra
Worked with Admin Staff for admissions purposes, designed social media posts, banners, infographics, etc. Also contributed to important presentations, enhancing the institution's branding and communication skills.

## PROJECTS - DEVELOPMENT

**Sea Level Prediction (Time Series)**
- Applied linear regression to predict sea level trends using real-world time-series data.
- Visualized long-term patterns with Seaborn & Matplotlib.

**Spam Detection Classifier**
- Developed SMS spam classifier (~98% accuracy) using TF-IDF + Naive Bayes in Python.
- Automated preprocessing (tokenization, stopword removal) for efficient text classification.

**Air Quality Index**
- Designed real-time AQI dashboard using Python, Pandas, Plotly, and Streamlit.
- Implemented pollutant scoring algorithms (PM2.5, $NO_2$, $SO_2$) with geo-mapped insights for environmental awareness.

**Cast Your Vote**
*Black Book Project*
- Developed responsive voting system with one-person-one-vote authentication & real-time results.
- Presented research at International Hybrid Conference on Sustainability (2025).

## PROJECTS - UI/UX

**Fruits Web UI (Figma)**
Designed responsive product pages with consistent navigation.

**Fruit Cider Product UI (Figma)**
- Built clean e-commerce landing page with minimal layout & branding focus.

## LEADERSHIP EXPERIENCE

**Sasmira's Institute of Commerce & Science** 06/2022 – 05/2024
*Class Representative* Mumbai, Maharashtra
- Acted as liaison between students & faculty.

**Sasmira's Institute of Commerce & Science** 06/2023 – 05/2024
*Co-coordinator of BSc.IT Club* Mumbai, Maharashtra
- Organized coding workshops & quiz competitions.

**Sasmira's Institute of Commerce & Science** 06/2023 – 05/2024
*Deputy General Secretary (Student Council)* Mumbai, Maharashtra
- Led student council & cultural events.
- Lead Tech Team

## PUBLICATIONS

**Cast Your Vote (Published Research Paper)** 25/02/2025

*International Hybrid Conference – "Sustainability and Shaping the Future by Adapting to a Changing Landscape"*

- Presented and published *"Cast Your Vote"* at the International Hybrid Conference on Sustainability and Shaping the Future by Adapting to a Changing Landscape. The paper detailed the purpose, advantages, and limitations of a digital voting system, including workflow diagrams, UI designs for desktop/mobile/tablet, and system implementation, concluding with recommendations for improved accessibility and security.

## CERTIFICATES

- AWS Educate – Introduction to Generative AI (Aug 2025)
- AWS Educate – Machine Learning Foundations (Aug 2025)
- Google – Machine Learning Specialization (Jul 2025)
- Kaggle – Introduction to SQL (Jul 2025)
- Tata x IBM – Data Visualization with Python (Jul 2025)
- IBM – AI Fundamentals (Jun 2025)
- Deloitte (Forage) – Data Analytics Job Simulation (Jun 2025)
- Kaggle – Machine Learning (Jun 2025)
- freeCodeCamp – Data Analysis with Python (May 2025)

## SKILLS

Python | Machine-Learning | OOPs | Pandas | Scikit-learn | Seaborn | HTML | CSS | JS | Streamlit | UI/UX | React | Tensor Flow

## CURRENTLY LEARNING

**UI/UX Developer**
- UI/ UX design
- Web interface through html/ css/ js
- Exploring new Art/Design Styles
- Graphic templates& banner designs

**Aspiring AI & ML Engineering**
- Tensor Flow & Deep Learning (online courses)
- Project Developments (ML & Python)
- Learning React
- Learning Streamlit & Pytorch