



## Chaitali Sandeep Gaikwad

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### ABOUT ME

I am a data and reporting professional with experience in data validation, dashboards, and automation. I enjoy working with numbers and solving problems. I want to study **Data Science or Artificial Intelligence** in Germany to learn advanced skills and grow in my career.

### WORK EXPERIENCE

#### JR. DATA SCIENCE DEVELOPER – AYC ANALYTICS – 04/2025 – 08/2025 – PUNE, INDIA

##### Data Quality & Validation

- Ran automated checks for product and pricing data
- Fixed errors before data entered central systems

##### Reporting & Business Support

- Built dashboards and structured reports
- Supported pricing and turnover analysis

##### Stakeholder Coordination

- Worked with internal teams to solve data problems
- Supported testing and reporting processes

#### JR. DATA ANALYST – MAXAMTECH DIGITAL VENTURES – 06/2024 – 03/2025 – PUNE, INDIA

##### Data Reconciliation & SQL Reporting

- Checked transaction and pricing data daily using SQL
- Ensured correct turnover reporting

##### KPI & Dashboard Reporting

- Created KPI dashboards for trading teams
- Prepared performance and promotion reports

##### Operations & Data Maintenance

- Maintained clean product and promo data
- Supported invoice and budgeting tracking

### EDUCATION AND TRAINING

15/06/2020 – 01/05/2024 Pune, India

#### BACHELOR OF ENGINEERING IN COMPUTER SCIENCE Savitribai Phule Pune University

**Thesis Description:** This project develops a Phishing Detection System using a hybrid machine-learning approach that extracts lexical and host-based features from URLs (e.g., domain age, IP/HTTPS usage, length and suspicious tokens) and trains multiple classifiers (Decision Tree, Random Forest, SVM) to distinguish phishing from legitimate sites. The solution includes a Chrome extension for real-time URL scanning and user alerts, and is validated on a labeled dataset with cross-validation to ensure robust detection and low false positives.

**Website:** <https://www.unipune.ac.in/> | **Thesis:** PHISHING DETECTION SYSTEM THROUGH HYBRID MACHINE LEARNING BASED ON URL

#### MBA (OPERATIONS IN DATA SCIENCE) Narsee Monjee Institute of Management Studies (NMIMS)

**Website:** <https://nmims.edu/> | **Field of study:** Natural sciences, mathematics and statistics

### LANGUAGE SKILLS

Mother tongue(s): **MARATHI**

Other language(s):

|                | UNDERSTANDING |         | SPEAKING          |                    | WRITING |
|----------------|---------------|---------|-------------------|--------------------|---------|
|                | Listening     | Reading | Spoken production | Spoken interaction |         |
| <b>ENGLISH</b> | C1            | C1      | C1                | C1                 | C1      |
| <b>GERMAN</b>  | A1            | A1      | A1                | A1                 | A1      |

## PROJECTS

### Machine Learning & AI Projects

1. Built a **Phishing Detection System** using SVM and Random Forest
2. Developed ML model for **Bonus Allocation Optimization**
3. Created forecasting models using ARIMA & SARIMA
4. Achieved very low prediction error (MAPE 0.027)

### Business Intelligence & Data Systems

1. Designed ETL pipelines for data cleaning and validation
2. Built Sales Dashboard with forecasting features
3. Developed backend automation using Python & FastAPI

## SKILLS

### Programming & Databases

Python: Pandas, NumPy, scikit-learn | SQL: MySQL, MSSQL, SSMS | Built real ML models and forecasting systems

### Data Visualization & BI

Power BI (DAX, KPI dashboards) | AWS Quicksight | Built automated dashboards for business teams

### Cloud & Tools

AWS (EC2, S3, RDS) | Jupyter Notebook, Git/GitHub, Postman

### Advanced Excel

Pivot Tables | VLOOKUP / HLOOKUP | Data models | Reduced manual reporting effort

## PUBLICATIONS

2024  
**Advancement in Phishing Detection: A Hybrid Machine Learning Approach Integrated with Google Chrome**

TIJER || ISSN 2349-9249 || © April 2024

**Authors:** Chaitali Gaikwad , Prof.Sonal Chanderi , Dhruvika Agrawal , Yukta Belgaonkar , Grace Gaikwad | **Volume, Issue and Pages:** Volume 11, Issue 4, pg b215 - b219 | **Publisher:** TIJER - INTERNATIONAL RESEARCH JOURNAL

## CERTIFICATIONS

**State University of New York (SUNY)- Diploma in AI**

**NASSCOM - Certificate Course on Data Science**

**Microsoft and LinkedIn - Career Essentials in Generative AI**

**360digitmg - Professional Program on Data Science and AI**

**Indian Institute of skill development training - certificate in database management**

**Accenture - Digital Skills in Artificial Intelligence**

**NPTEL - Enhancing Soft Skills and Personality**

**Brain O Vision - Data Science Hackathon**

Validation Number: 9824f06e36df4ac3b02a5286a8b74722

**Link** <https://aws.amazon.com/verification>

futureskills prime, 18/09/2024

**Certificate Course on Data Science**

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Ministry of Electronics and Information Technology (Government of India)