

# Sahil Karande

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Location:  
Pune, Maharashtra

[Portfolio Website](#)

[LinkedIn](#)

## Professional Summary

Motivated Computer Engineering graduate and current Big Data Analytics student at CDAC Mumbai. Experienced in data analysis, machine learning, and Python-based solutions. Passionate about solving real-world problems using data and continuously improving technical skills. Looking to contribute to innovative, growth-focused teams in the IT industry.

### Education

Feb 2025 – Aug 2025

#### Post Graduate Diploma in Big Data Analytics

Centre for Development of Advanced  
Computing  
Mumbai, Maharashtra

July 2020 – July 2024

#### Bachelor of Technology in Computer Engineering

St. Vincent Pallotti College of Engineering  
and Technology  
Nagpur, Maharashtra

2018 - 2020

#### Higher Secondary School Certificate (12th)

Macaroon Students Academy Jr Science  
College  
Chandrapur, Maharashtra

2008 - 2018

#### Central Board of Secondary Education (10th)

Macaroon Students Academy Jr Science  
College  
Wani, Maharashtra

### Certifications

- Cloud Computing – NPTEL
- Reinforcement Learning - NPTEL
- Introduction to Microsoft Excel
- Introduction to Python Programming

### Projects

- InsightHub:** Your Personal Data Analytics Companion
- Stock Market Prediction of BSE and NSE Companies - **Cluster Computing (2023)**
- Furrrify- A Pet Community Website - **Mini Major Project (2023)**
- Online Student Mentoring System (2021)

### Work Experience

#### IIoT Intern Dec 2023 – Jun 2024

##### Solar Industries India Limited - Nagpur, Maharashtra

- Led** data analysis, **enhancing** process analysis by 15% using Power BI, Dash, Plotly, and Python.
- Designed** and **launched** data-driven web applications, **deploying** 3 applications using the Streamlit Python library.
- Analyzed** manufacturing process trends and **identified** areas for optimization, **boosting** production line efficiency by 10%.
- Collaborated** with Solar Industries' team, **driving** a 20% increase in overall output.
- Streamlined** complex data, **increasing** reporting efficiency by 25% through automation.

#### Data Science Intern July 2023

##### Clustor Computing - Nagpur, Maharashtra

- Created** 3 interactive Streamlit dashboards and 5 Power BI reports, **accelerating** decision-making time by 20% for key stakeholders.
- Contributed** to Agile Scrum sessions, **ensuring** the on-time delivery of 3 analytics projects.
- Mastered** 10+ data science concepts, **building** a solid foundation in analytics.
- Processed** stock data for over 5,400 companies on BSE and 1,800 companies on NSE, **analysing** 50,000+ rows of data and **improving** forecast accuracy by 15%.

### Achievements and Cocurricular Activities

- Technical Class Representative** – CDAC Mumbai (2025)
- Presented** a research paper on "Furrrify: A Pet Community Website" at ICTIA 2024, **showcasing** innovative approaches in community-building and user engagement.
- Served** as Chief Editor of the Department Magazine (2023).
- Led** the GDSC SVP CET as Technical Lead (2021- 2023)

### Skills and Interest

Languages	C, Python, PostgreSQL
Tools	Power BI, MS Excel, VS Code, Streamlit
Technical Skills	Data Analysis, SQL, Time Series Analysis, Dash, Plotly, , Machine Learning
Areas of Interest	Data Science & Analytics, Machine Learning,
Soft Skills	Analytical Thinking, Continuous Learning, Resilience, Strategic Leadership, Public Speaking, Team Collaboration