

**Name: Omkar Kailas Sahane**  
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**Address: New Sangvi, Pune, Maharashtra**

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### Experience Summary:

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Data Scientist with 2.5 years of experience in data analysis and insights extraction. Proficient in Python, R, and SQL for data manipulation and analysis. Strong problem-solving and analytical skills with a keen eye for detail. Excellent communication skills to effectively present findings through data visualization tools.

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### Work Experience:

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Currently Working at **Codify Software Services, Pune** as **Data Scientist-L1** from May 2023 to till date.

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### Roles and Responsibilities:

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- Data Analysis and Modeling Ownership
- Collaborative Machine Learning Project Participation
- Data Quality Assurance through Comprehensive Wrangling
- Clear Communication of Insights to Non-Technical Audiences
- Contribution to Impactful Predictive Model Development, Demonstrating Teamwork and Problem-Solving Skills

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### Technical Skills:

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<b>Language</b>	Python(NumPy, Pandas, Scikit-learn, TensorFlow, PyTorch, Keras), R
<b>Tools</b>	Jupyter Notebook, PyCharm, Google Colab
<b>Data Visualization</b>	Matplotlib, Seaborn, Plotly, Tableau, PowerBI, MSEXcel
<b>ML and AI</b>	Supervised Learning, Unsupervised Learning, and Reinforcement Learning, Clustering Algorithms, LLM(Large Language Model), Generative AI, RAG
<b>Deep Learning</b>	Data Cleaning and Preprocessing, ANN, CNN, Forecast Analysis, Time Series, NLP, Natural Language Processing, Feature Engineering, XGBoost
<b>Database and Version Control</b>	MS SQL, PostgreSQL, Git, Github
<b>Big Data and Cloud Computing</b>	Apache Hadoop, Apache Spark, Hive, Amazon Web Services (AWS)
<b>Model Deployment</b>	Django, Streamlit, Flask, Postman, Docker
<b>Operating systems</b>	Windows, Linux

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### Academic Qualification:

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- **BCS** from Savitribai Phule Pune University in 2023(CGPA:8.82)
- **12<sup>th</sup>** from Maharashtra Board Pune in 2020(67.00)

## Internships:

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### Web Mind IT Solution | Machine Learning Developer Intern

**Duration: Nov2021 to May2022**  
**[6-Months]**

- Tackle real machine learning projects with guidance.
- Build ML algorithms hands-on.
- Encourage learning and innovation in AI-friendly environment.

### Codify Software Services | Data Scientist Intern

**Duration: Jun2022 to Mar2023**  
**[9-Months]**

- Conducted EDA and applied stats for data-driven decisions.
- Developed data preprocessing techniques for ML.
- Collaborated with teams for effective solution delivery.

## Projects Details:

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### Med+ Chatbot | Gen Ai, LLM, VectorDB, Python, Flask | [GitHub](#)

- Developed a Med+ chatbot using Python, LangChain, Flask, and Meta Llama2.
- Integrated Pinecone for efficient vector search, providing disease information and remedies
- From custom medical data.
- Enabled accurate and responsive answers to user queries about specific diseases using advanced NLP techniques and scalable architecture.

### Energy Production | ML, Streamlit, Flask | [GitHub](#)

- Developed ML models for energy production prediction using Python, ensuring data accuracy.
- Created a web dashboard with Streamlit and Flask for easy access to model predictions.

### Cluster Analysis | ML, Streamlit, Flask | [GitHub](#)

- Conducted manual inspection and EDA on development measurement dataset, enhancing features.
- Developed and deployed clustering models for global development measurements.

## Personal details:

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<b>Name</b>	Omkar Kailas Sahane.
<b>Date of Birth</b>	16/11/2002
<b>Marital Status</b>	Unmarried
<b>Languages Known</b>	English, Hindi and Marathi
<b>Gender</b>	Male
<b>Nationality</b>	Indian
<b>Permanent Address</b>	At Post-Sawrgoan pat Tal-Akole Dist-Ahmadnagar,Maharashtra, Pincode- 422601

**Declaration:** I hereby declare that the above written particulars are true to the best of my knowledge and belief.

**Date:**

**Omkar Kailas Sahane**