Samidha Bhosale

+1 (716) 328 8370 / **samidhabhosale7@gmail.com** / **LinkedIn**

Buffalo, New York

EDUCATION

University at Buffalo <div style="float:right">Buffalo, USA</div>

Masters of Science in Data Science; CGPA: 3.3/4.0 <div style="float:right">*Jan 2024 – May 2025*</div>

D.Y.Patil <div style="float:right">Mumbai, India</div>

Bachelors of Engineering in Electronics and Telecommunication; CGPA: 7.39/10 <div style="float:right">*Jul 2017 – Jun 2021*</div>

SKILLS

- **Languages**: Python, SQL, R, Java, HTML, CSS, MATLAB
- **Data Analysis & Modeling**: Pandas, NumPy, Scikit-learn, StatsModels, TensorFlow
- **Visualization**: Power BI, Matplotlib, Seaborn, Streamlit, Excel
- **Databases**: PostgreSQL, MySQL, MongoDB
- **Big Data Tools**: Hadoop, Spark
- **Workflow Tools**: Git, Jupyter, RStudio, Visual Studio

EXPERIENCE

Chemcofibers, India - Web Developer – Freelance <div style="float:right">*Jul 2022 – Oct 2022*</div>
- Developed dynamic, data-driven web pages using HTML, CSS, JavaScript, and MySQL.
- Designed and optimized backend queries for improved performance and UX.
- Ensured scalability and maintainability in full-stack application design.

Bhabha Atomic Research Centre (BARC), India - Research Intern <div style="float:right">*Dec 2019 – Jan 2020*</div>
- Analyzed operational data and control logic from the Dhruva reactor to identify performance trends and system behavior.
- Utilized Python and Excel for data visualization, technical reporting, and interpretation of reactor metrics.
- Explored parallels between real-time system monitoring and anomaly detection in data science.

Embedded Technosolutions, India - Embedded Systems & AI Intern <div style="float:right">*Dec 2018 – Jan 2019*</div>
- Built IoT projects with Raspberry Pi to collect and analyze sensor data using Python.
- Applied ML models on edge devices for real-time sensor data predictions.
- Worked on hardware-software integration and embedded analytics.

PROJECTS

Uncovering Crime Trends in New York City <div style="float:right">*Jul 2022 – Oct 2022*</div>
- Built a classification model on NYC crime data to predict incident categories and locations. <div style="float:right">Link</div>
- Deployed a real-time analytics dashboard using Streamlit.
- Tools: Python, Pandas, Scikit-learn, Streamlit, Plotly

Google vs Apple Stock Range Predictor <div style="float:right">*Aug 2024 – Sep 2024*</div>
- Used time-series feature engineering and classification algorithms to predict daily stock volatility.
- Improved model performance using grid search and cross-validation.
- Tools: Python, NumPy, Scikit-learn, Matplotlib

ADDITIONAL

IBM Data Science Professional Certificate

Industrial Certified Raspberry Pi and AI Developer

Publication: Prime Numbers and Their Digital Roots: International Research Journal of Engineering and Technology (IRJET), Volume: 09 Issue: 09

Taekwondo Black Belt