

Sonam Thorat

Pune, Maharashtra

+91 9156424727 sonamthorat5@gmail.com github.com/sonamthorat3012 linkedin.com/in/sonam-thorat-61ab87251

Summary

“I am a Computer Engineering graduate currently pursuing M.Tech in Data Science. With a strong base in programming and software development, I am now focusing on Machine learning, AI, and Data Science. I am passionate about applying data-driven approaches to solve real-world problems and aspire to build a career as a Data Scientist/ML Engineer.”

Education

Army Institute of Technology, Pune <i>Masters of Technology – Data Science</i>	Aug 2025 – June 2027 <i>Pune, Maharashtra</i>
AVCOE, Sangamner <i>Bachelor of Engineering – Computer Engineering CGPA: 8.76/10</i>	Aug 2021 – June 2025 <i>Sangamner, Maharashtra</i>

Internships

AWS Cloud Virtual Internship AWS EC2, S3, IAM, CloudWatch - Deployed cloud-based applications using AWS services including EC2, S3, IAM. - Configured secure AWS cloud infrastructure and managed user access control using IAM roles and policies. - Monitored application performance and system logs using CloudWatch to ensure reliability and scalability.	June 2024 - Aug 2024
Netleap IT Training & Solutions, Nashik HTML, CSS, JavaScript, MySQL - Developed full-stack web applications using HTML, CSS, JavaScript and MySQL. - Integrated frontend and backend for responsive user experience.	Dec 2023 – Jan 2024

Projects

MedicalBot – Medical Chatbot using RAG Python, LangChain, RAG - Created a medical chatbot using Retrieval Augmented Generation (RAG). - Used LangChain and vector embeddings to enable semantic search and contextual responses. - Built an interactive question answering system for healthcare queries.	Jan 2026 - Feb 2026
Fake News Detection using NLP and ML Python, Scikit-learn, NLP - Applied fake news classification system using TF-IDF and Logistic Regression. - Detected over 300 instances of misinformation. - Achieved over 95% accuracy. - Performed text preprocessing and NLP pipeline.	Nov 2025 - Dec 2025
Aircraft Recognition using Hybrid Deep CNN YOLO, CNN, Flask - Improved deep learning model using CNN and YOLO. - Integrated model into Flask web application. - Enhanced detection accuracy.	March 2025 - April 2025
IFSC Code Finder PHP, MySQL, HTML, CSS - Created web application to retrieve bank IFSC codes. - Developed responsive frontend and backend. - Implemented dynamic search functionality.	Nov 2025 - Dec 2024

Technical Skills

Data Science & AI: Machine Learning, NLP, Data Analytics, RAG

Libraries: Pandas, NumPy, Scikit-learn, TensorFlow, Matplotlib

Programming Languages: Python, SQL, C, C++, JavaScript, HTML, CSS, PHP

Tools/Platforms: Jupyter Notebook, Git, Tableau, Power BI, QlikSense, Excel

Data Skills: Data Analysis, Data Visualization, Feature Engineering, Model Evaluation

Certifications

NPTEL: Cloud Computing

MATLAB: Deep Learning

Udemy: Docker Basics, IoT, Network Security