

SHUBH AGNIHOTRI

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OBJECTIVE

Aspiring AI/ML Engineer with a strong foundation in computer science, data structures, and algorithms. Skilled in Python, C++, and Java, with hands-on experience in machine learning, NLP, and automation systems. Passionate about developing intelligent, data-driven solutions.

SKILLS

Programming Languages	Python, C++, Java, C, Go, SQL, JavaScript
Libraries / Frameworks	NumPy, Pandas, Matplotlib, Scikit-learn, TensorFlow, Keras, PyTorch, Seaborn
AI / ML Concepts	Data Preprocessing, Supervised & Unsupervised Learning, NLP, Reinforcement Learning
Tools & Platforms	VS Code, Oracle Cloud (OCI), Github and Git, Selenium, Flask, PyQt5, Jupyter Notebook

PROJECTS

AI Assistant Automation System — Built a Python-based AI system integrating Selenium, Groq API, and PyQt5 for automation and voice interaction.

AI Resume Screening System — Designed an NLP classifier using spaCy and Scikit-learn for context-aware hiring predictions.

Real-Time Search Engine — Developed a Groq-powered engine with instant, ranked search results via Python web automation.

AI Sentiment Analysis System — Implemented sentiment classification using TF-IDF and Logistic Regression models.

CERTIFICATIONS

Adobe India Hackathon (2025) — Qualified for Round 1 (Online MCQ + Coding Challenge).

OCI AI Foundations Associate (Oracle, 2025) — Hands-on learning in AI, ML, and Generative AI on Oracle Cloud.

Machine Learning with Python (Udemy, 2025) — Implemented core ML algorithms, NLP, and deep learning in Python.

CodeChef Skill Series (2024–2025) — Completed tracks in C, C++, Java, Python, Go, SQL, NumPy, Pandas, and algorithmic problem-solving.

EDUCATION

B.Tech in Computer Science and Engineering, Kalinga Institute of Industrial Technology (KIIT University), Bhubaneswar
Ongoing, 3rd Year, CGPA: 8.22

City Montessori School, Gomtinagar-I, Lucknow
Intermediate (XII) – 91%

St. Francis' College, Lucknow
High School (X) – 84.8%