Ayush Kumar Soni
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Objective

Aspiring Data Scientist with hands-on experience in Machine Learning, NLP, and Full-Stack Development. Seeking a Data Science Internship at Accredian to apply analytical and programming skills to solve real-world problems.

Education

B.Tech in Computer Science & Engineering
Ajay Kumar Garg Engineering College, Ghaziabad
Expected Graduation: 2026 | CGPA: 8.3/10

Technical Skills

Programming & Tools: Python, C++, SQL, JavaScript, HTML, CSS, Node.js, Git
Data Science & ML: Regression, Classification, NLP, Deep Learning, Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn
Web Development: Frontend (HTML, CSS, JS), Backend (Node.js, Express), REST APIs
Other Tools: Jupyter Notebook, Google Colab, VS Code

Projects

Real-time Sentiment Analysis Chat App
- Developed a full-stack app classifying customer reviews as positive, negative, or neutral.
- Applied NLP techniques: tokenization, stopword removal, stemming, and TF-IDF.
- Integrated Naive Bayes model for real-time prediction via Node.js backend.

Housing Price Prediction
- Predicted housing prices using regression models.
- Handled feature engineering, missing data, and model evaluation (RMSE, R^2).
- Workflow implemented on Google Colab with clean code documentation.

Computer Vision Projects
- **Color Detection:** Tracked colors in live video feeds using OpenCV.
- **Character Recognition:** Built an OCR system for handwritten character recognition using deep learning.

Certifications

- Machine Learning by Coursera
- Full Stack Web Development by Udemy

Achievements

- Completed multiple problem-solving challenges on LeetCode.
- Strong foundation in data structures, algorithms, and analytical thinking.
- Continuously exploring NLP and AI projects to enhance practical skills.

Internship & Experience

- Hands-on experience in building ML models and integrating them into full-stack applications.
- No formal internships; focus on project-based learning and skill-building.

References

Available upon request.