

SHEETAL CHAUDHARY

Mumbai, Maharashtra, India | +91-8850791440 | chaudharysheetal695@gmail.com | [LinkedIn](#)

CAREER OBJECTIVE

Result-driven and detail-oriented professional with a strong foundation in data analysis, automation, and software development. Seeking to leverage my technical and analytical skills to streamline processes, build efficient solutions, and contribute to a forward-thinking organization. Passionate about driving innovation through automation and continuous improvement.

EXPERIENCE

- Reliance Industries Ltd. || Data Analyst** Oct 2023 - Present
 - Big Data & Automation:** Used PySpark and Python to process and manage massive datasets of 50TB or more, resulting in a 25% boost in processing efficiency by automating repetitive processes.
 - Machine Learning:** Using scikit-learn, I created predictive models that increased forecasting accuracy for important business indicators.
 - Data Visualization:** Developed interactive dashboards with Power BI and Django, offering real-time insights to business, reducing decision-making cycles by 40%.
 - Scripting and automation:** Automated routine processes using shell scripting and Linux command-line scripting, lowering manual involvement by 50% and minimizing human error.
 - Collaborated cross-functionally with the Data Engineering team to design and implement robust, scalable data pipelines tailored to dynamic business requirements, ensuring efficient data flow and improved decision-making capabilities.
- Vivusoft Technologies || Web Development Intern** Sep 2021 – Mar 2022
 - Web Development:** Built the company's website using HTML, CSS, JavaScript, and SQL, improving page speed by 30%, enhancing user experience and SEO performance.
 - Email Automation:** Automated client outreach using Zoho Marketing Hub, saving 2-3 hours of manual work per campaign.
 - Client Collaboration:** Coordinated with foreign clients for product demonstrations, effectively translating technical features into client-focused solutions.

SKILLS AND STRENGTHS

- Programming Languages:** Python | Java | JavaScript | HTML | CSS
- Data Science & Machine Learning Frameworks:** NumPy | Pandas | Scikit-learn | TensorFlow | PySpark
- Databases:** SQL | MongoDB
- Big Data & Analytics Tools:** Hadoop | Apache Spark & Superset | Jupyter | Power BI
- Development & Other Tools:** GitHub | VS Code | Android Studio | Unity | MS Office
- Concepts:** Data Structures & Algorithms | Object-Oriented Programming (OOP) | Machine Learning | Big Data | Android App Development | Game Development | AWS | GCP

EDUCATION

- IIIT Bangalore** Mar 2025- Present
PG Diploma in Artificial Intelligence and Machine Learning
- Thakur College of Engineering & Technology** Aug 2019- Jun 2023
B.E. Electronics and Telecommunications Engineering CGPA: 9.41/10.0

PROJECTS

- Netflix Content and Market Analytics Dashboard (Power BI, SQL, Python)**
 - Built an end-to-end dashboard for content performance and market analysis, integrating data from multiple sources using **ETL pipelines** to optimize content strategy.
 - Performed exploratory data analysis (EDA)** to identify genre popularity, high-performing segments, and regional viewing patterns for **data-driven** and **targeted marketing** decisions.
 - Improved data quality through **data cleaning, transformation, and efficient data modeling**
- Yoga Posture Detection (Keras, TensorFlow, Mediapipe, OpenCV, Pandas)**
 - Curated a **3000+ image** dataset covering **20+ yoga positions**, achieving **90% accuracy** in real-time posture detection.

- Implemented **CNNs** and pose estimation algorithms for precise classification and enhanced generalization.
 - **Kitab-bae (Android Mobile Application to donate and receive books- Java, Firebase)**
 - Developed a mobile app for **book donation and exchange** with **real-time messaging** via WhatsApp, enhancing user engagement.
 - Integrated **Firestore** for scalable data storage and seamless real-time updates.
 - **Movie Recommendation System (Scikit-learn,Flask)**
 - Built a personalized recommendation engine using **cosine similarity**, achieving **98.7% prediction accuracy**.
 - Deployed with **Flask** for real-time recommendations and enhanced user satisfaction.
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COURSES

- Google Cloud Data Analytics | **Google**
 - Python for Data Science, AI & Development | **Coursera**
 - Exploratory Data Analysis for Machine Learning | **IBM**
 - Artificial Intelligence Fundamentals | **IBM**
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POSITIONS OF RESPONSIBILITY

- **Point of Contact (PoC) for Data-Driven Decision Making - Reliance Jio**
 - Acted as a liaison between data science, network operations, and business teams, ensuring data-driven strategies for network optimization.
 - Managed and maintained telecom data pipelines, integrating big data solutions (Hadoop, PySpark, Apache Superset).
 - **Team Leader – IPL Event (Reliance Industries ltd.)**
 - Led and coordinated a group of volunteers, managing logistics and event operations for the **Indian Premier League (IPL)** organized by Reliance.
 - Demonstrated **leadership, communication, and team management** in a high-pressure, large-scale event environment.
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 [Portfolio link](#)