



# VENKATA SAI YAKKSHIT REDDY ASODI

Berlin, Germany.

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## Summary

Dynamic Data Scientist with a background in developing advanced fraud detection algorithms, personalized recommendation systems, and AI-powered chatbot technologies. Experienced in collaborating with global teams and working on projects like sentiment analysis, image/audio classification, and text analysis. Dedicated to learning and applying cutting-edge techniques to solve complex data science challenges.

## Technical Skills

**Languages** - Python, R, SQL, JavaScript (ES6+), HTML5, CSS3.

**Data Science Tools** - Pandas, NumPy, Scikit-learn, TensorFlow, Keras.

**Visualization** - Matplotlib, Seaborn, Tableau, PowerBI.

**Machine Learning** - Supervised Learning, Unsupervised Learning, Deep Learning.

**Deployment** - AWS, Docker, Kubernetes, Azure.

**Frameworks** - Flask, Django, React, Next.js.

## Experience

### Circleup AG

*Lead Full Stack Engineer*

**December 2023 – July 2024**

*Zurich, Switzerland*

#### Responsibilities:

- Developed responsive web applications and machine learning-based features, enhancing user experience for AI-driven services.
- Collaborated on LLM-TGI-related endpoints and implemented user-centered UI/UX designs, improving application scalability and performance.

### Cedzlabs

*Full Stack Developer*

**March 2023 – July 2024**

*India*

#### Responsibilities:

- Worked on intuitive and accessible web applications with an emphasis on data visualization and user interaction.
- Optimized project delivery through Agile methodologies, contributing to scalable cloud-based solutions.

## Projects

### AI Fraud Detection System | *Python, TensorFlow, Scikit-learn*

**April 2024**

- Built a fraud detection system for financial institutions, using machine learning algorithms to detect and prevent fraudulent activities. Achieved 95% accuracy using ensemble learning models.

### Sentiment Analysis for E-commerce Reviews | *Python, NLP*

**January 2024**

- Developed a sentiment analysis tool that processes customer reviews, identifying sentiment trends and product feedback. Integrated the solution into e-commerce platforms.

### Personalized Recommendation System | *Python, Flask, AWS*

**July 2024**

- Engineered a recommendation engine for an e-commerce platform, improving product discovery using collaborative filtering and content-based techniques.

## Achievements / Extracurricular

- Successfully implemented a machine learning model achieving 95% accuracy in fraud detection.
- Contributed to various open-source data science projects, including sentiment analysis and image classification.
- Led a team in a global hackathon to develop an AI chatbot for customer support, winning second place.