

# SAI KUMAR SHEELA

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## OBJECTIVE

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I am a dedicated ML Engineer and Data Scientist experienced in MLOps. With proficiency in Python, databases, and ML-Ops tools, I specialize in transforming data into actionable insights. I am eager to apply my skills to help organizations harness AI's potential to solve intricate challenges and drive innovation.

## EDUCATION

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**B.Tech Computer Science**, Vasireddy Venkatadri Institute of Technology Expected 2024 — Guntur, A.P, India  
Cumulative GPA: **8.0/10**

**Intermediate**, Sri Suryodaya Junior College 2018 - 2020 — Vizianagaram, Andhra Pradesh, India  
Cumulative GPA: **9.2/10**

## SKILLS

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**Python** (DSA) | **Databases** (MongoDB | MySQL | Cassandra) | **Rest-API** (FastAPI | Flask)

**Linux** (Ubuntu | CentOS) | **Statistics** | **Machine Learning** (Scikit-learn) | **Deep Learning** (PyTorch | Keras)

**ML-Ops** (Docker | MLflow | BentoML | Grafana | Jenkins | Terraform | Kubernetes) | **Cloud Platform** (AWS)

**NLP** (Summarization | Generation | Name Entity Recognition | Transformers | LangChain | RNN | LLMs)

## EXPERIENCE

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**Data Science Intern** Jan 2023 - May 2023  
iNeuron (Virtual) *Bangalore, Karnataka*

- **Led ML project** for money laundering prevention, achieving a **98.34% F1-score**.
- **Automated model deployment** with custom scripts and CI/CD pipeline.

**Data Analyst Intern** Mar 2022 - May 2022  
All India Council for Technical Education (AICTE) Program (Virtual) *New Delhi, India*

- Completed **AWS-based data analytics internship**, mastering **SQL and Python**.
- Conducted **data cleaning and preprocessing**, optimizing analysis techniques.

## PROJECTS

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**Sensor Fault Detection** - Developed ML model for sensor fault detection, achieving **99.06% accuracy**. **Integrated Kafka** for streaming data and utilized XGBoost for optimal results. ([Check it here](#))

**Finance Complaints** - Built an ML model to **quickly resolve problematic financial complaints**. Improved customer satisfaction through timely issue resolution. ([Check it here](#))

## EXTRA-CURRICULAR ACTIVITIES

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- Actively write blog posts on Medium to share **best practices in the field of data science**.
- Enjoy video editing and have produced content for personal projects and a **YouTube channel**.

## CERTIFICATES

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- Completed [AWS Cloud Operations](#), [AWS Machine Learning](#), [AWS Data Analytics](#) from AWS Cloud Academy.
- Certified in [Python](#) and [Deep Learning](#).