SASI KALADHAR

Python Developer | Data Analyst | 3+ Years of Experience | AWS | SQL | Power BI | Django

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PROFESSIONAL SUMMARY

- Over 3+ years of IT experience in **Python development** and **data analytics**.
- Expert in building **ETL pipelines**, **RESTful APIs**, and **data models**.
- Proficient in **Python**, **SQL**, **Pandas**, and **NumPy** for **effective data manipulation**.
- Hands-on experience with **AWS** (S3, Lambda, Glue, Redshift, Step Functions) and **GCP**.
- Delivered interactive dashboards in **Power BI** to **support strategic decisions**.
- Developed scalable backend solutions using **Django**, **FastAPI**, and **Flask**.
- Worked collaboratively with cross-functional teams including **analysts** and **stakeholders**.

WORK EXPERIENCE

Software Engineer

Techborn IT Solutions Pvt. Ltd

June 2022 – Present

- Developed backend components for **Cheque Truncation System (CTS), processing over 50,000+ cheque transactions per day with <2s API response time.**.
- Engineered **ETL workflows** utilizing **AWS Lambda**, **S3**, and **Step Functions**.
- Implemented REST APIs using Django and FastAPI for seamless integration.
- **Built Power BI dashboards** that provided leadership with **real-time visibility into 20+ key business metrics**, reducing manual reporting time by **40%**.
- **Collaborated with product teams** to deliver 10+ business-critical features, achieving a **95% on-time delivery rate** across all sprints.

PROJECTS

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1. Cheque Truncation System (CTS)

Jan 2024 – Present

Python, Django, SQL, AWS (S3, Lambda, Step Functions), Power BI, JIRA

- Built a **centralized system** for cheque image and data processing.
- Automated **validation** and file generation workflows.
- Integrated serverless **AWS** architecture for **scalable processing**.
- Developed dashboards to **track KPIs** in real-time.
- Saved 8+ hours/week by automating extract file processes.
- Scaled transaction processing to **50,000+** per day.
- Reduced reporting time by **40%** with **optimized ETL pipelines**.
- Improved dashboard load times by **30%** with **SQL tuning**.

2. Insurance Risk Factor Identification

Nov 2022 – Dec 2023

Python, Django, Django REST Framework, AWS (Glue, Lambda), Power BI

- **Created a classification system** for assessing **motor insurance risks**.
- Developed **APIs** to access and evaluate customer profiles.
- **Built** robust **ETL pipelines** for **cleansing** historical claims **data**.
- Leveraged Lambda for serverless **deployment** of **risk logic**.
- **Created dashboards** to display segmented **risk regions**.
- **Collaborated** with **actuaries** to ensure rule alignment.

3. Virtual Paint Using Hand Gestures

Jul 2022 – Nov 2022

Python, OpenCV

- **Programmed** an interactive drawing app using live hand gesture recognition via OpenCV
- Enabled gesture-controlled drawing via webcam input.

GITHUB PROJECTS

- **Future Cart – AI-Driven Demand Prediction for Smarter Retail:**

  Link: github.com/SasiKaladhar143/Sasi-Kaladhar-Infy-Springboard-Nov24

- Developed a retail sales forecasting model using **scikit**-**learn** and **pandas**.

- Reached **92% accuracy** across multiple categories.

- Integrated findings into **Power BI dashboards** for executive use.

Flask Contact List App:

Link: github.com/SasiKaladhar143/Contact-List-Web-App-Using-Flask-and-MySQL

- Designed **a full-stack contact manager** using **Flask** and **MySQL**.

- Implemented **CRUD** features, responsive UI, and secure backend validation.

- Connected **SQLAlchemy** with **RESTful routes** for data operations.

TECHNICAL SKILLS

- **Languages:** Python, SQL

- **Frameworks:** Django, FastAPI, Flask

- **Libraries:** Pandas, NumPy

- **Databases:** PostgreSQL, MySQL, Snowflake

- **Cloud Platforms:** AWS (S3, Lambda, Glue, Redshift, Step Functions, EC2, IAM), GCP

- **Visualization Tools:** Power BI

- **Tools & IDEs:** Git, JIRA, VS Code, PyCharm, MS Office Suite

- **DevOps & Monitoring:** CI/CD pipelines, AWS CloudWatch, CloudTrail

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EDUCATION

Bachelor of Technology – Computer Science & Engineering

Bapatla Engineering College, Andhra Pradesh

June 2019 – May 2023

CERTIFICATIONS

- **NPTEL – Cloud Computing** (8-week course by **IIT** faculty)

- **Data Analytics Virtual Internship** – **TCS Forage** (Real-world business scenario projects)

- **Python Programming** – **Udemy** (Completed 20+ real-world exercises)