Objective

A highly motivated and innovative data software engineer with over 4 years of experience in the financial products sector, seeking to leverage problem-solving skills and technical expertise to contribute to the growth and success of a forward-thinking organization.

🚀 Data Engineering Projects: Scalable Solutions and Real-time Analytics:

- **Scalable Lakehouse Architecture for Efficient Data Processing**:

  Project Brief:
  Designed and implemented a state-of-the-art lake house architecture for a large-scale application with millions of active users. The architecture aimed to enable seamless batch processing of OLTP data and provide easy access to data for Data Analysts, Data Scientists, and the CXO team.

  Tech Stack:
  Singer API: Data extraction and loading.
  Amazon S3 : highly scalable and durable storage capabilities
  AWS Glue Catalog : centralized metadata store
  Amazon Athena : serverless querying of data with a pay-per-use model
  Superset : BI tool for its flexibility and ease of integration with the existing tech stack.

- **Robust Lambda Architecture on GCP for Real-time Data Collection and Analytics:**

  Project Brief:
  Built Lambda Architecture on Google Cloud Platform (GCP) for an application with millions of users. The project focused on capturing device-related information and app/web events in real-time, enabling efficient data processing and analytics for the Data Analytics to identify a roadblock in user's flow .

Tech Stack:
Google Cloud Storage : Cost-effective and scalable storage
Kafka : Real-time data streaming and processing
BigQuery : serverless data warehousing and analysis
Cloud Functions: Serverless compute capabilities
Cloud Workflow and YAML: Orchestrating and configuring the data pipelines
Superset : BI tool for its flexibility and ease of integration with the existing tech stack.

Professional Experience

Founding Engineer and Data Team Lead | Karmalife (August 2018 – Present)

- Managed partnerships with Gig Partner and NBFCs, fostering productive relationships and navigating the complexities of a multi-party ecosystem.
- Orchestrated the Data and Underwriting teams with competence, ensuring a seamless integration of technical expertise and practical problem-solving.
- Utilized data insights using tech stacks (Firebase, BigQuery, Data Studio, Athena, Superset) to onboard new partners, retain users, and boost engagement.
- Developed innovative solutions for users with thin credit files, resulting in multi-million INR disbursed monthly and an NPA under 3%.
- Built a strong team of 10 Data Engineers and Data Scientists to achieve new milestones in terms of disbursements while maintaining a low NPA.

Associate Software Engineer | Informatica (July 2017 – July 2018)

- Efficiently troubleshoot customer issues.
- Designed user-friendly, end-to-end data-flow reports (lineage) with a creative approach.
- Provided exceptional Metadata Manager support in the realm of cloud computing.

Skills

- Data Engineering
- Distributed Systems
- Apache Open Source
- Team Building & Leadership
- Financial Products
- Partnerships Management

Interests

- Open Source Software
- Distributed Systems
- Financial Technologies

References

Available upon request.

Contact

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