

Sachin Tripathi

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Objective

Seasoned data software engineer with a track record spanning over five years in the Financial Products sector. Specialized in designing and developing data stacks for diverse teams, focusing primarily on addressing credit-related issues for blue-collar gig workers with thin or no credit files. Looking to apply my innovative problem-solving acumen and deep technical expertise in a progressive organization where I can drive growth and foster success.

EXPERIENCE

Karmalife - *Founding Engineer and Data Team Lead*

August 2018 – Present

- Managed partnerships with Gig Partner and Non-Banking Financial Companies (NBFCs), fostering productive relationships and navigating the complexities of a multi-party ecosystem.
- Orchestrated the Data and Credit Underwriting teams, ensuring a seamless integration of technical expertise and practical problem-solving.
- Utilized data insights using tech stacks such as Firebase, Google BigQuery, Google Data Studio, AWS Athena, and Apache Superset to onboard new partners, retain users, and boost engagement.
- Developed innovative solutions for users with thin credit files, resulting in multi-million Indian Rupee (INR) disbursed monthly and a Non-Performing Asset (NPA) rate 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.

Informatica - *Associate Software Engineer*

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.

Data Engineering Projects

- **Scalable Lakehouse Architecture for Efficient Data Processing**
 - Designed and implemented a lakehouse architecture for a large-scale application with millions of active users ,using Python for scripting and data processing, Amazon S3 for distributed storage, AWS Glue Catalog for centralized metadata store, and Amazon Athena for serverless data querying.
- **Robust Lambda Architecture on GCP for Real-time Data Collection and Analytics**
 - Built a Lambda Architecture on Google Cloud Platform (GCP) for an application with millions of users, focusing on capturing device-related information and app/web events in real-time. Utilized Kafka for real-time data streaming and processing, Google Cloud Storage for storage, and BigQuery for serverless data warehousing and analysis.

SKILLS

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

EDUCATION

Feroze Gandhi Institute of Engineering and Technology, Raebareli, Uttar Pradesh, India - *Bachelor of Technology (Concentration: Computer Science and Engineering)*

Aug 2013 - Aug 2017