

Mohan Balaji | Data Engineer | Data Analyst

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Innovative and driven Data engineer with over 2+ years of hands-on experience in data engineering, specializing in the design, development, and maintenance of scalable data pipelines and databases. Adept at data modeling, ETL/ELT processes, and leveraging analytics for data-driven decision-making. Excels in fast-paced environments, offering robust solutions to complex data challenges. Eager to contribute technical expertise and analytical skills to a forward-thinking team.

SKILLS

- **Programming languages:** Python, SQL.
- **Technologies & Tools:** AWS, Apache Airflow, Metabase, Google Analytics, PostHog, API Integration, Selenium, Git, and Linux.
- **Data Engineering:** ETL/ELT, Data Modeling, Data Ingestion, Data Quality Assurance, Data Warehouse,, Web Scraping.
- **Analytics & Reporting:** Webhook Integration, Vlooker Studio, Power BI, Excel.

PROFESSIONAL EXPERIENCE

Fleet Studio Technologies, Chennai, Tamil Nadu, July 2022 – Present Data Engineer | Data analyst

- Automated data workflows using Python, Pandas, and SQLAlchemy, reduced manual processing time.
- Experienced in extracting data using APIs and web scraping, broadening data availability and diversity for analysis.
- Skilled in Power BI and Looker for impactful data visualization and analytics.
- Skilled in Metabase for developing interactive dashboards and simplifying data analysis.
- Utilized Posthog for detailed product analytics, focusing on user engagement and retention.
- Skilled in Metabase for developing interactive dashboards and simplifying data analysis.
- Managed datasets and performed analysis in Google Sheets, emphasizing collaboration and efficiency.
- Integrated analytics tools (PostHog, Google Analytics) provide actionable insights into user behavior.

Aalavai Technologies, Madurai, Tamil Nadu Jan - Jun 2022 Software Engineer Intern

- Design and management of RDBMS systems in MySQL, enhancing schema efficiency, and aligning data modeling with strategic business objectives.
- Developed high-performance web applications with Laravel.
- Optimized MySQL database operations, enhancing data retrieval speed.
- Implemented Redis for effective caching and messaging, improving system responsiveness.

EDUCATION

The American College, Madurai, TN, 2020 - 2022 Msc., Data Science

The American College, Madurai, TN, 2016 - 2019 Bsc., Mathematics

CERTIFICATIONS

Red Hat Certified Engineer & Red Hat Certified System Administrator - Winways Complete Open Source Pvt Ltd