SAI MANOHAR BOIDAPU

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PROFESSIONAL SUMMARY

Innovative and strategic Data Engineering Leader with **11** years of experience designing and implementing modern data architecture, leading cross-functional teams, and driving data-centric solutions. Expertise in Big Data, distributed systems, and cloud technologies (**AWS, Snowflake, Kubernetes**). Proficient in stakeholder management, mentoring, and aligning technical execution with business objectives. Recognized for fostering innovation, achieving measurable outcomes, and delivering end-to-end data solutions.

SKILLS

Leadership & Management: Team Leadership, Mentorship, Stakeholder Collaboration, Agile Practices, Strategic Planning, Communication, Critical Thinking, Decision Making, Capacity Planning.
Technical Expertise: Data Engineering, Platform Architecture, DevSecOps, CI/CD, Cloud Platforms (AWS), Data Warehousing (Snowflake, Redshift), ETL Pipelines, Microservices.
Programming & Tools: Python, SQL, Java, Apache Spark, Airflow, DBT, Kafka, Datadog.
Technologies: Hadoop Ecosystem (Hive, Pig, Sqoop), Rest APIs, Data Visualization, Kubernetes (AWS EKS).

EXPERIENCE

Pluralsight – Bengaluru, India
Technical Lead (Senior Data Engineer)   Jan 2023 – Present
- Managed cross-functional teams of **10+** engineers, delivering scalable data solutions for Market Intelligence and Leader Plan Analytics.
- Architected modern data platforms using AWS, Spark, Materialize, DBT, Kafka, Snowflake, and Kubernetes, ensuring robust performance and scalability.
- Designed and optimized high-performance ETL pipelines, increasing data processing efficiency by **30%** and reducing latency by **40%**.
- Spearheaded automation initiatives using CI/CD pipelines on GitLab, improving deployment frequency by **25%** and reducing manual workloads.
- Recruited and mentored top-tier talent for high-priority migration projects, achieving **100%** on-time delivery.
- Fostered a culture of continuous improvement through mentorship and professional development for junior engineers.
- Collaborated with stakeholders to design automated workflows, reducing repetitive tasks and increasing team productivity by **20%**.

Eli Lilly and Company – Bengaluru, India
AWS Cloud Data Engineer | Consultant I   Aug 2020 – Jan 2023
- Engineered robust data platforms on AWS, reducing processing times by **20%** using Glue, Redshift, DynamoDB, and Athena.
- Automated infrastructure provisioning with AWS CloudFormation, cutting deployment times by **95%**.
- Developed disaster recovery strategies, ensuring **99.9%** uptime during regional outages.
- Conducted proof-of-value (POV) pilots, validating key features and enhancing data platform reliability.
- Collaborated with cross-functional teams to design data pipelines, improving scalability and data quality.

Affine Analytics – Bengaluru, India
Senior Associate, Analytics Engineering Group   Sep 2018 – Aug 2020
- Migrated legacy systems to AWS Redshift, boosting query performance by **35%** and reducing operational costs.
- Configured data pipelines using Matillion ETL and executed log data analysis to improve system reliability by **20%**.
- Designed reusable components for batch and streaming data pipelines, reducing development cycles by **30%**.

Mphasis – Bengaluru, India
Delivery Software Engineer   June 2014 – Sep 2018
- Automated reporting processes using **SSRS**, saving **15 hours/week** of manual effort.

- Received the **Mphasis Monthly Summit Award** for delivering exceptional client satisfaction and innovative solutions.
- Built Hadoop-based ETL workflows, transforming data into actionable insights.

EDUCATION

Raghu Engineering College – Visakhapatnam, India   *May 2010 – May 2014*
Bachelor of Technology, Computer Science and Engineering

LEADERSHIP

Skillenza Kreate Hackathon – Bengaluru, India, Winner   *2019*
Secured 1st place in a national-level hackathon hosted by Kalaari Capital, leading a team of four to develop an innovative data-driven solution.

Tech Sparks Hackathon – Bengaluru, India, Finalist   *2015*
Earned 3rd place as part of a three-person team in the Tech Sparks Hackathon for delivering a high-impact data analysis project.

ADDITIONAL

Languages: Fluent in English, Hindi, Telugu
Certifications & Training: Oracle Cloud Infrastructure 2024 Generative AI Professional (1Z0-1127-24)
Gender: Male