

Sher Magar

DATA ANALYST · FULL-STACK DEVELOPER

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PROFESSIONAL SUMMARY

Data Analyst with 6+ years of professional experience spanning demand forecasting, inventory optimization, data pipeline engineering, and full-stack development. Proven ability to translate complex data into actionable operational insights across multi-store retail environments. Strong foundation in Python, SQL, Tableau, and AWS cloud services, with a background in building scalable backend systems at Capital One.

EXPERIENCE

Hana Group North America

Jan 2024 – Present

Data Analyst · Shrewsbury, MA

- Built time-series sales forecasting models using Python and up to 5 years of historical data, enabling accurate demand predictions across multiple sushi retail locations.
- Developed Tableau dashboards to visualize WoW, MoM, and YoY sales trends, providing store managers with real-time performance visibility.
- Optimized production scheduling by analyzing customer demand patterns — identifying peak demand windows for light vs. heavy menu items, reducing preparation bottlenecks and improving throughput.
- Drove food waste reduction initiatives by cross-referencing sales velocity with inventory levels, minimizing over-production costs across multi-store operations.
- Queried and managed operational datasets using SQL on Amazon Aurora and Amazon RDS, ensuring data integrity and supporting scalable reporting pipelines.
- Delivered actionable inventory and demand insights directly to store tablets, bridging data analysis with frontline operations in a high-volume retail food environment.

Capital One

Nov 2021 – Nov 2023

Software Developer · Tysons Corner, VA

- Built AWS Lambda functions to automate data transfers between upstream sources and downstream teams via OneStream pipelines, enabling reliable and scalable data flow across the organization.
- Led cybersecurity vulnerability mitigation efforts, implementing and enforcing AWS IAM roles and policies to ensure secure, compliant data access across all environments.
- Provisioned and managed isolated AWS environments (dev, QA, prod) using Ansible, ensuring consistent, repeatable infrastructure deployments across the full software lifecycle.
- Designed and maintained Splunk dashboards for real-time system monitoring and operational visibility, accelerating issue detection and resolution across data pipelines.
- Configured AWS CloudWatch alarms and SNS notifications to monitor EC2 instance health, ensuring high availability and proactive incident response.
- Automated CI/CD pipelines using Jenkins, Docker, and Ansible, integrating webhooks to streamline build triggers and deployment workflows.
- Managed secure data storage with AWS S3 and IAM, and maintained comprehensive technical documentation in Confluence to support team knowledge sharing.

Freeman Company

Aug 2020 – Sep 2021

Java Software Developer · Dallas-Fort Worth, TX

- Developed and maintained event-driven backend systems using Java and Spring Framework, building RESTful APIs and microservices to support large-scale event management operations.
- Modernized a legacy version control environment, improving code management workflows and reducing technical debt across aging infrastructure.
- Designed and optimized relational database schemas in MySQL, improving data retrieval performance and supporting reliable backend data handling.
- Built React front-end features integrated with backend APIs, delivering seamless user experiences for event-based business workflows.
- Automated build and dependency management using Maven, and coordinated team version control workflows via GitHub.

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Jan 2018 – Aug 2019

Junior Java Developer · Kathmandu, Nepal

- Designed and developed web pages using HTML, CSS, and JavaScript for a privately-owned software solutions company.
- Contributed to UI/UX design work including website mockups and Photoshop-based visual assets.

EDUCATION

La Roche University — Bachelor's, Computer Science

2017 – 2020

TECHNICAL SKILLS

Analytics & BI	Python, SQL, Tableau, Demand Forecasting, Inventory Analytics, Time-Series Analysis
Cloud & Data	Amazon Aurora, Amazon RDS, AWS Lambda, AWS S3, AWS EC2, CloudWatch, SNS, IAM
DevOps & Tools	Ansible, Jenkins, Docker, Terraform, Splunk, Confluence, GitHub, Kafka
Development	Java, Spring Boot, React, MySQL, REST APIs, Microservices, Scala
Languages	Nepali (Native), Hindi (Professional Working), English (Fluent)

CERTIFICATIONS

- **CompTIA Security+** (2025 – 2028)