

# Summary

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Technically skilled and goal-oriented professional with 4+ years of industry experience as a **Systems Engineer** and a completed master’s in data science from the University of Massachusetts Dartmouth (2023–2025). Specialized in scalable machine learning models, **full-stack development**, and **cloud-based analytics**. Proficient in **Oracle Database Administration**, real-time data processing, **Python development**, and **AWS**. Adept at streamlining workflows, automating processes, and building reliable data-driven solutions.

# Technical Skills

# ****Languages:**** Python, SQL, JavaScript, Shell Script

# ****Frameworks & Libraries:**** Django, Flask, React.js, Spring Boot

# ****Databases & Web Technologies**:** Oracle, MySQL, PostgreSQL, MongoDB, Cassandra, HTML, CSS, REST APIs

# ****Cloud & DevOps:**** AWS (EC2, S3, RDS, Lambda, Glue, Athena), GCP, Azure, Docker, Kubernetes, Jenkins, Git, GitHub

# ****Big Data & Workflow Tools:**** Apache Spark, Hadoop, Kafka, Apache Airflow, Ctrl-M

# ****Monitoring & Support:**** Grafana, Kibana, Prometheus, Splunk, OEM 13c, ServiceNow

# ****Others:**** Agile (Scrum), JIRA, Postman, SQL Developer, Tableau, Cognos, Excel (Advanced), Pandas, NumPy, Alteryx

**Professional Experience**

## Infosys Ltd. | Senior Systems Engineer *September 2022 – August 2023*

*Project: Conagra Food Brands--Role: AWS Cloud Engineer Hyderabad, India*

* Migrated enterprise-scale datasets from legacy systems to cloud environments using **AWS Redshift** and **Snowflake**.
* Designed and maintained ETL pipelines with **AWS Glue**, handling cleaning and transformation of transactional and operational datasets.
* Automated data workflows using **Python** and **Bash**, reducing report generation time by **45%**.
* Built interactive dashboards using **Tableau** and **Cognos**, enabling better supply chain and financial decision-making.
* Collaborated with DevOps and security teams to implement scalable and secure **data governance** practices.

## Tata Consultancy Services (TCS)| Systems Engineer *August******2019 – August 2022***** *Project 1: Ericsson—Role: Oracle DBA Hyderabad, India*

* Maintained **24/7** high-availability **Oracle 12c/19c** databases on **Exadata** infrastructure.
* Executed end-to-end **migrations**, **upgrades**, and fresh system builds across dev, UAT, and production environments.
* Performed **SQL/PLSQL tuning** using AWR reports and Explain Plans, reducing query time by up to 50%.
* Automated health checks and backup monitoring using **Shell scripts**, improving operational reliability.
* Managed backup strategies via **RMAN**, documented DR (Disaster Recovery) processes for audit readiness.

*Project 2: Refinitiv—Role: SAP HANA Administrator / Oracle* *DBA*

* Provided backend support for **SAP-integrated Oracle databases** in financial and ERP systems.
* Tuned memory, buffer cache, and redo settings to optimize **SAP BW/ECC** performance.
* Applied **PSU patching**, configured **Oracle Data Guard**, and enhanced disaster recovery solutions.
* Implemented **RBAC** for secure access management and authored SOPs for operational consistency.
* Mentored L2 teams, reducing L1 escalations by **40%** through detailed process documentation.

**Airport Authority of India (AAI) | Intern (Electronics & Communication Engineering)  *June 2018 – May 2019***

* Trained under the CNS division, assisting with maintenance of VHF radios, radar, and navigation systems.
* Supported inspections and signal flow documentation for DME, DVOR, and other ATC equipment.
* Gained practical exposure to aviation communication systems and technical compliance procedures.

# Education

## University of Massachusetts, Dartmouth *August 2023 – May2025*

*Master of Science in Data Science GPA:3.7/4.0*

# Academic Projects

**Personalized Restaurant Recommendation System**-***Django, React.js, MySQL, Python, TensorFlow***

* Developed a full-stack restaurant recommendation system using collaborative and content-based filtering techniques.
* Built an intuitive React frontend with cuisine and location-based filtering.
* Implemented Django REST APIs and MySQL backend for real-time restaurant querying.
* Integrated Hybrid ML models to improve recommendation accuracy and user engagement.

**Hospital Management System**-***Flask, MongoDB, HTML/CSS***

* Designed and developed a web-based platform to manage patients, appointments, and medication records.
* Enabled telemedicine integration and real-time vitals tracking through IoT mock data.
* Implemented secure CRUD operations and efficient NoSQL data management with MongoDB.