


# Akshay Thakare

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## SUMMARY

Business and Cloud Professional with 1 year of industry experience and demonstrated ability to deliver valuable insights via data analytics. Has a proven track record of leading high-profile implementation projects and directing cross functional teams for infrastructure enhancements increasing efficiency and boosting growth of the organization.

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## EDUCATION

**MS in Information Systems - University of Texas, Arlington**

**May 2025**

**BE In Computer Engineering - University of Mumbai, Mumbai, India**

**May 2017**

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## SKILLS & CERTIFICATIONS

- Python, SQL, Java, R
- [AWS Certified Solutions Architect – Associate](#)
- [AWS Knowledge: Serverless](#)
- [Google Data Analytics Certificate](#)

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## WORK EXPERIENCE

**System Engineer | Tata Consultancy Services**

**Mumbai | June 2017 - Oct 2018**

- Orchestrated the seamless migration of 2.2 million members across 23 states from General Electric's AuditWork system to AWS cloud-based servers, demonstrating expertise in data migration.
- Spearheaded the management of critical cloud servers, ensuring uninterrupted business operations for clients. Developed and optimized ETL jobs, resulting in a 60% improvement in the data ingestion process.
- Utilized SQL and Tableau to conduct data analysis on various projects, producing insightful reports for executive leadership. Identified implementation barriers and recommended strategic business solutions and initiatives.
- Formulated and maintained information architecture documents, implementing automated processes that enhanced communication between teams. This initiative led to a remarkable 30% reduction in impediments, blockers, and downtime.
- Provided continuous 24/7 support for multiple AWS Cloud servers, playing a pivotal role in monitoring and debugging the AuditWorks Application backend during peak periods, such as quarterly auditing exercises.
- Diagnosed issues and championed process redesign to enhance team efficiency. Collaborated with database management teams to address data-related issues, managing and updating data libraries in MongoDB.
- Supported Agile Safe development for large-scale implementation and corporate integration projects, contributing to the expansion of product offerings under General Electric.

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## PERSONAL PROJECTS

**E-Ticket Generation and Validation using NFC for local train transport**

- Developed 'Tyco' app, revolutionizing local train transport with a paperless e-ticket solution.
- Implemented user-friendly Gmail registration, assigning unique IDs and passwords for personalized access.
- Engineered dynamic e-ticket generation marked "UNVERIFIED," streamlining validation processes.
- Integrated NFC technology for efficient ticket validation via station-specific tags, transitioning to "VERIFIED" status.
- Contributed to public transportation advancement, replacing traditional methods with innovative, secure, and user-centric solutions.