

AKSHAY NANDKUMAR THAKARE

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EDUCATION

- Master of Science, Information Systems | UNIVERSITY OF TEXAS AT ARLINGTON** **Aug 2023 – May 2025**
Coursework: Python Programming, Data Warehouse, Web and Social Analytics, Cloud Computing, Project Management
- Bachelor of Engineering, Computer Engineering | UNIVERSITY OF MUMBAI** **Jul 2013 – Jun 2017**
IEEE Paper presentation - NFC Technology

CERTIFICATION

- [AWS Certified Solutions Architect – Associate](#)
- [AWS Knowledge: Serverless](#)
- [Google Data Analytics](#)
- [Hackerrank SQL Basics](#)

WORK EXPERIENCE

- System Engineer (Tata Consultancy Services) | Mumbai, India** **Jul 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.

SKILLSETS

Programming Languages: Python, C, Java, HTML, CSS

Database Systems: MSSQL, MySQL, MongoDB

Frameworks: SAP

Other: Git, Jira, Docker, Linux, Heroku, MS Excel

AWS Cloud: S3, EC2, VPC, Route53, CloudFront

PROJECTS

Portfolio Website | <https://akshaythakare1.github.io/>

- Developed a visually appealing and responsive personal online portfolio using HTML and CSS, showcasing my skills, projects, and achievements.
- Leveraged GitHub for hosting the portfolio, ensuring reliability, accessibility, and ease of sharing with potential employers, clients, and collaborators.

Data Analytics for Superstore Data using AWS

- Leveraged AWS IAM, S3, Glue, Athena, and Amazon QuickSight to analyze the Superstore dataset from Kaggle.
- Managed secure roles and permissions, stored and cataloged data, executed queries, and created insightful visualizations.
- Identified key sales trends, with Huntsville showing the highest regional demand.

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

Volunteer Work

- Volunteered at local hospitals during the COVID-19 pandemic, providing support to healthcare staff and patients.
- Served as a Front Desk Operator in a warehouse office, handling customer inquiries and administrative tasks effectively
- Managed data entry part-time for an audit firm, handling 5000 customer order-audit records.