

AKSHAY NANDKUMAR THAKARE

(945) 250 8799 | akshay.n.thakare@gmail.com

LinkedIn: [linkedin.com/in/akshaythakare14](https://www.linkedin.com/in/akshaythakare14) | GitHub: github.com/AkshayThakare1 | Portfolio: akshaythakare1.github.io

EDUCATION

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

CERTIFICATION

- [AWS Certified Solutions Architect – Associate \(Amazon Web Services\)](#)
- [AWS Knowledge: Serverless](#)
- [Google Data Analytics](#)
- [Hakcerrank 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: Java, C#, Python, C, JavaScript

Database Systems: Oracle-SQL, MSSQL, MySQL, MongoDB

Frameworks: Spring Boot, React, Node.js, DevExpress, React Native, Angular 8, Django, Bootstrap

Other: Git, Jira, TeamCity, Docker, Kubernetes, Jenkins, OpenShift, ServiceNow, JUnit, Linux, REST, GraphQL, Heroku, Electron.js, Batch Scripting, TensorFlow

AWS Cloud: S3, EC2, VPC, R53, 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.

SpaceTerra | <https://spacetera.herokuapp.com>

- Utilized **Phaser.io** game engine, **Node.js** and **MongoDB** to host the web application on a PM2 load-balanced Nginx server
- Played by **over 12,000 players** through the Teknack gaming festival hosted by ACM-DBIT, making it the most successful game of the event

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