**Akshay Nandkumar Thakare**

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

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| EDUCATION | |
| * **Master of Science, Computer Science | 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)**](https://www.credly.com/badges/23854aa1-2379-4f25-8b04-fea689b22d8e/public_url) * [**AWS Knowledge: Serverless**](https://www.credly.com/badges/544eb3ad-ea00-418b-bda8-ffa8f04a6963) * [**Google Data Analytics**](https://www.credly.com/badges/c2e1e8f1-78a9-42a5-9bbc-a8515347df78) * [**Hakcerrank Sql Basics**](https://www.hackerrank.com/certificates/def4b79da560) | |
| 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://spaceterra.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 | |