

AKSHAY THAKARE

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SUMMARY

- **AWS-Certified Solution Architect with 3+ years of experience in cloud solutions.**
- **Hands-on experience with Agentic AI and AWS Cloud Quest – Generative AI for automating workflows.**
- **Specialized in building data analytics automation using Power BI, SQL, Python for actionable insights.**

EXPERIENCE

Scouting America

March 2025 – May 2025

Data Science and Analytics Intern

Irving, TX

- Integrated Agentic AI - Scoutly, enhancing automation efficiency by 25% while maintaining ethical standard.
- Led data preprocessing and validation initiatives, improving dataset accuracy by 95% to support high-impact analytics.
- Designed and deployed Power BI dashboards, enhancing stakeholder visibility and speeding up insights by 40%.
- Developed predictive models using Python and ML, boosting forecasting precision for strategic decisions.
- Collaborated with cross-functional teams to analyze complex data and deliver data-driven business recommendations.

University Of Texas At Arlington

Aug 2024 – Feb 2025

Teaching Assistant - Cloud Computing and Python Programming

Arlington, TX

- Assisted students in AWS setup, cloud service configuration, and security best practices, while guiding hands-on labs.
- Provided real-time support and troubleshooting for AWS coursework, ensuring smooth lab and monitoring budget.
- Conducted office hours and delivered lectures on python fundamentals, including solving python queries.

Tata Consultancy Services

Jul 2017 – Oct 2018

System Engineer

Mumbai, India

- Supported in migrating on-premise servers to AWS for 2.2 million members across global branches of General Electrics.
- Optimized ETL pipelines, improving data ingestion speed by 60% and enhancing overall processing efficiency.
- Organized and maintained information architecture documents, automating processes to reduce downtime by 30%.
- Provided AWS cloud support, monitoring, and debugging, ensuring application stability during peak periods.
- Collaborated with database management teams to resolve data issues and manage large-scale MongoDB data libraries.
- Worked with stakeholders to align data solutions with strategic business goals, simulating M&A-style problem solving.

SKILLS

AWS: Bedrock, Lambda, Athena, Quicksight, Glue, CloudFront, RDS, S3, VPC, EC2

Analysis & Visualization Tools: MS Excel, Tableau, PowerBi, QlikView

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

Database Management Systems: MySQL, MSSQL, Oracle, MongoDB

Machine Learning: Classification, EDA, KNN, Random Forest

Others: Agile, Scrum, Git, Jira, Docker, Heroku, Flask, Streamlit, Terraform, Azure

PROJECTS

Cloud Resume Challenge | AWS, Github, Terraform | [Link](#)

May 2025 – June 2025

- Deployed a responsive resume website using GitHub Actions CI/CD, hosted on S3 and delivered via CloudFront.
- Implemented a live view tracker using Lambda, and DynamoDB, capturing and displaying visitors dynamically.

AWS based Book Narration System | AWS, Python, Flask, HTML

Nov 2024 – Dec 2024

- Constructed a Text-to-Speech web app using AWS Polly, Lambda, and S3 to convert text into natural-sounding speech.
- Generated automated S3-Lambda workflow, triggering speech synthesis upon text file uploads and storing output in S3.
- Built a Flask-based web interface, enabling users to input text, select voices, and receive audio via S3 public URL.

Data Analytics for Superstore Data using AWS | AWS, Athena, QuickSight

Jan 2024 – March 2024

- Utilized AWS Glue, Athena, and QuickSight to analyze and visualize the Superstore dataset from Kaggle.
- Managed IAM roles, S3 storage, and Glue Catalog, executing queries with Athena for efficient data analysis.
- Identified key sales trends using QuickSight visualizations, highlighting the highest regional demand.

EDUCATION

University of Texas at Arlington

Aug 2023 – May 2025

Master of Science in Information Systems, GPA: 4.0

Arlington, TX

Mumbai University

Aug 2013 – Oct 2017

Bachelor of Engineering in Computer Engineering

Mumbai, India

CERTIFICATIONS

- AWS Certified Solutions Architect – Associate, Google Data Analytics, Hackerrank SQL Basics.
- AWS Knowledge: Serverless, AWS Cloud Quest - Generative AI, Data Analytics, Cloud Practitioner.
- Graduate Certificate in Business Analytics - UTA.