

Darshak Alapati

Data Scientist & Software Engineer

Wichita, KS | (331) 229-0525 | iamdarshak12@gmail.com | linkedin.com/in/alapatidarshak

PROFESSIONAL SUMMARY

Software engineer and data scientist with 3+ years of experience in data migration, implementation, and workflow automation, with a strong emphasis on Shell scripting to streamline complex processes. Skilled in designing database structures, executing large-scale legacy-to-modern migrations, and ensuring data integrity, accuracy, and security across the transition lifecycle. Proficient in SQL, Control-M, and SAP for monitoring data pipelines, diagnosing system issues, and optimizing end-to-end performance. Holds a Master's in Data Science from Wichita State University, with applied expertise in analytics, machine learning, and generative AI.

SKILLS & TOOLS

Programming & Scripting: Python, Java, MySQL, Shell Scripting, HTML

AI & Generative AI: Claude API, Gemini API, LLM Integration, Prompt Engineering, Generative AI, Cursor AI, Claude Code CLI

Data & Analytics: EDA, Data Engineering, Machine Learning, Predictive Analytics, Statistical Analysis, Data-Driven Decision Making

Web, APIs & 3D: WebGL, Three.js, 3D Data Visualization, REST API, JSON Schema

Visualization & Reporting: Power BI, Microsoft Excel

Cloud, DevOps & Scheduling: AWS, Docker, Git, GitHub, Control-M, CI/CD, Vercel

Automation & Enterprise: UiPath, Automation Anywhere, SAP, ALM

Core Concepts: Data Structures & Algorithms, Debugging, Model Deployment, Data Modeling

PROFESSIONAL EXPERIENCE

Custom Software Engineering Analyst — Accenture Solutions Pvt. Ltd.

Bath & Body Works Migration | Hyderabad, India | Nov 2023 – Jan 2024

- Executed and monitored batch-driven data workflows using Control-M to support enterprise-scale processing.
- Developed and optimized Shell scripts to reduce batch latency and improve throughput.
- Configured job schedules, dependencies, and recovery procedures to ensure stable data flow.
- Analyzed batch performance metrics and resolved execution failures through root-cause analysis.
- Implemented client-specific migration solutions and documented workflows for long-term maintainability.

Custom Software Engineering Associate — Accenture Solutions Pvt. Ltd.

Bath & Body Works Migration | Hyderabad, India | Oct 2022 – Oct 2023

- Developed end-to-end Shell and Linux scripts for large-scale legacy-to-modern database migrations.
- Performed SQL-based source-to-target validation to ensure data accuracy and completeness.
- Automated recurring migration tasks, significantly reducing manual effort and operational risk.
- Utilized Java backend processes within Docker containers to validate transformation logic and maintain stability.
- Generated migration status, performance, and audit reports while upholding data security and compliance.

Application Development Associate — Accenture Solutions Pvt. Ltd.

Accenture Internal | Hyderabad, India | Oct 2021 – Oct 2022

- Built foundational expertise in enterprise application development tools and frameworks.
- Analyzed application and operational data to identify trends and performance indicators.
- Prepared analytical and status reports to support management decision-making.

Operations Executive — EDU-Tech (Skill Vertex)

Bengaluru, India | Mar 2021 – Sep 2021

- Managed Learning Management System (LMS) platforms and maintained operational data accuracy.
- Applied data modeling techniques to analyze learner engagement and performance metrics.
- Monitored budgets, tracked expenses, and prepared detailed reports using Microsoft Office 365.

PROJECTS

AI-Powered Resume Tailoring & Job Data Engine

- Architected an automated pipeline parsing unstructured resumes (PDF/DOCX) and mapping candidate data to job-description schemas.
- Integrated Claude and Gemini APIs for semantic extraction, skill-gap analytics, and ATS-optimized bullet re-framing.
- Shipped via GitHub-to-Vercel CI/CD with custom GoDaddy DNS. Tools: Python, Claude API, Gemini API, JSON Schema.

Interactive 3D Healthcare Analytics & Diagnostic Platform

- Engineered an interactive 3D web platform for pharmaceutical data visualization of diagnostic tests and anatomy.
- Built backend API integration for blood-test parameters, doctor availability, and appointment workflows. Tools: WebGL, Three.js, REST API.

Kansas Board of Regents Survey

- Analyzed National Survey of College Graduates (NSCG) data to compare employment outcomes across education pathways.
- Cleaned multi-year datasets, winsorized salaries, and ran hypothesis testing and regression. Tools: Python, Power BI, VS Code.

Storytelling Case Study — Airbnb, NYC

- Conducted comprehensive EDA on NYC Airbnb listings and delivered two audience-specific presentations. Tools: Excel, Python, Power BI.

EDUCATION

Master's, Data Science — Wichita State University | Jan 2024 – Dec 2025

Bachelor's, Electronics & Communications — Lovely Professional University | Aug 2017 – Aug 2021

CERTIFICATIONS

Microsoft Power BI (LinkedIn Learning, 2025) • Data Ingestion with Python (LinkedIn Learning, 2025) • Learning Data Visualization (LinkedIn Learning, 2025) • Robotic Process Automation (UiPath, 2023) • Cybersecurity Compliance & Frameworks (IBM / Coursera, 2020)