CONTACT

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EDUCATION

2024 - Present
IIT JAMMU
- Ex-M-TECH in AI & ML

2009 - 2013
LOVELY PROFESSION UNIVERSITY
- B-TECH - IT
- 71.80 %

TECHNICAL SKILLS

- ETL Tools : IICS , Informatica Power Center
- Database : SQL Server,Oracle,Postgress SQL
- Datawarehouse
- Programming/Scripting : Python,Unix,SQL,PL/SQL
- Cloud Foundation : Azure,AWS,GCP
- AI Tool : n8n ,LLM API's,Pandas,Numpy,Matplotlib

CERTIFICATION

- Microsoft Certified: Azure Data Fundamentals
- Snowflake - The Complete Masterclass - Udemy
- Python 101 for Data Science - IBM Cognitive Class
- Python Bootcamp : From Zero to Hero - Udemy

SATYAMURTI

AI DATA ENGINEER

PROFILE

AI Data Engineer with 10+ years of experience in ETL, Data Warehousing, and Cloud Data Platforms using Informatica, SQL, Unix, Python, and databases. Proven track record in building and optimizing data pipelines, large-scale migrations, and automation solutions across BFSI, Pharma, and Insurance domains.

Currently pursuing Executive M-Tech in Artificial Intelligence & Machine Learning (IIT Jammu), expanding expertise in ML, AI workflows, and data science applications. Hands-on experience in developing AI agents and automation projects (BookNest, Profolio), demonstrating ability to integrate Data Engineering with AI-driven solutions for intelligent, production-ready workflows.

WORK EXPERIENCE

Synechron — 2024 - PRESENT
Associate Technology Specialist

- Migrated Wealth Data Mart (DB2 → SQL Server) using Informatica, Unix, and SQL.
- Converted DB2 procedures, Unix scripts, and Informatica jobs to SQL Server workflows.
- Built automated table comparison scripts, cutting schema validation effort by 40%.

Allstate India Pvt Ltd — 2021 - 2024
Lead Consultant

- Designed a solution to seamlessly ingest merchant-specific dynamic files, varying in types and structures, for reconciling the amount received for warranty sales with the number of warranties sold and canceled.
- Integrated multiple merchant partners such as Amazon, Walmart, and eBay into Squaretrade's platform to create warranty data for each order of sales, cancellations, and claims, facilitating seamless bookkeeping and invoicing processes.

Accenture India Pvt. Ltd — 2018 - 2021
Data Specialist

- Managed global Product Data Warehouse (PDW) to calculate COGS for Takeda products, enabling profit margin optimization through accurate redistribution of material and labor costs.

IBM India Pvt. Ltd
System Engineer   2015 - 2018

- Led the enterprise-wide data warehouse augmentation project for HDFC Bank, involving the replacement of the existing REVELEUS system with Informatica 9.x and Netezza database, utilizing IBM's BDW model for enhanced efficiency and functionality.

AI-ML PROJECTS

BookNest – AI Ebook Creation & Authoring Agent

- Built an AI-powered ebook agent using n8n workflows + LLM integration.
- Automates ebook generation (Interview Guides, Coding Cheat Sheets), formatting based on predefined E-book theme.

Profolio – AI Resume & Career Agent

- Designed an AI agent that evaluates resumes for ATS score & optimization.
- Generates resume analysis reports and creates ATS-friendly resumes.
- Added portfolio generation capability based on ATS resume for interactive career branding.

KEY RESULT AREA

- Led an Agile team of 4, managing sprint planning, refinement, and stand-ups under Agile methodology.
- Conducted requirement and impact analysis, enabling seamless integration of multiple merchant partners into Squaretrade's platform.
- Optimized ETL workflows and SQL queries, improving performance and reducing processing time.
- Designed and implemented data quality and patch jobs, ensuring smooth month-end closures.
- Built innovative solutions including a Warranty Cancellation Report and refund/time-zone logic, improving operational accuracy.
- Converted PL/SQL procedures into ETL code, enhancing PDW functionality and maintainability.
- Implemented pushdown optimization and email triggers, improving system performance and monitoring.
- Automated schema comparison across heterogeneous databases, reducing manual validation effort by 40%.
- Developed dynamic file ingestion solutions using Unix, Python, and Informatica, showcasing automation and scripting expertise.
- Improved data processing efficiency by designing a robust workflow for merchant file ingestion, handling diverse file types and structures.