Jayanth Vukkisa

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PROFESSIONAL SUMMARY

Results-driven Data Developer with 2+ years of experience in enterprise-scale telecom billing systems, data migration, and analytics at Tata Consultancy Services. Proven expertise in handling millions of records with zero-error accuracy. Skilled in SQL, Python, and transforming enterprise data into actionable insights through predictive analytics and intelligent automation.

TECHNICAL SKILLS

Programming & Scripting: Python, SQL, PL/SQL, Shell Scripting, JavaScript
Databases: Oracle, PostgreSQL
Frameworks & Tools: Django, Power BI, Azure, Git, REST APIs, Cursor AI
Domain Expertise: Telecom Billing (Kenan), Data Migration, Revenue Assurance, ETL Pipelines, CDR Processing

PROFESSIONAL EXPERIENCE

Data Developer | SQL Developer — Sep 2023 – Present
Tata Consultancy Services (TCS) — *Hyderabad, India*

- Enabled Kenan billing platform migration of 2M+ customer records by configuring billing rules, rate plans, and system parameters, ensuring seamless integration from legacy systems
- Optimized financial feed processing systems by engineering compatible field mappings, reducing data flow errors and improving billing reliability across downstream teams
- Enhanced CDR processing efficiency by developing pre-migration scripts for bulk data loads, improving processing speed by 25% for millions of transactions
- Implemented legal entity alignment framework maintaining 100% compliance in customer invoice representation and preventing revenue leakage
- Engineered automated billing charge inventory report reducing manual validation time by 40% and improving data consistency

Full Stack Developer — Mar 2023 – Sep 2023
TalentSprint — *Hyderabad, India*

- Completed 200+ hour intensive full-stack development program with focus on Python, Django, and modern web technologies
- Built and deployed responsive web applications integrating Django ORM and REST APIs with production-grade code quality
- Developed end-to-end e-learning platform (EZ-Learn) showcasing proficiency in full-stack development and AI-ready system design

KEY PROJECT

EZ-Learn AI Enhancement | *Python, Django, PostgreSQL, Machine Learning, Cursor AI* — Oct 2025 – Present

- Enhanced e-learning platform with AI capabilities including intelligent course recommendations powered by OpenAI API and predictive analytics to identify at-risk students based on engagement patterns
- Leveraged Cursor AI-assisted development tools to accelerate implementation and refactor legacy code
- Live Demo: ez-learn.onrender.com | GitHub: github.com/Vukkisa/Ez-Learn

EDUCATION

B.V. Raju Institute of Technology — Hyderabad, India
Bachelor of Technology in Computer Science Engineering | CGPA: 8.17/10 — *Graduated 2022*

CERTIFICATIONS & ACHIEVEMENTS

Certified Full Stack Developer (Python) - TalentSprint | 2023
SQL Advanced Certification - HackerRank | 2023
Star of the Month - TCS Project Excellence Award (2024)
Active open-source contributor with maintained GitHub portfolio