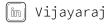
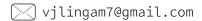
Vijayaraj Pushpalingam

Software Engineer











+917397489221

EXPERIENCE

HCLTECH | Application Archival Service Specialist

Aug 2022 - Present | Chennai, India

- → Optimized data archival workflows for 30+ legacy, GxP, and non-GxP applications, resulting in a 40% reduction in retrieval times and enhancing regulatory compliance.
- → Designed and implemented an automated archival process on the Serrala CDN portal, reducing manual data handling by 60% and achieving a 20% reduction in storage costs.
- → Led a cross-functional team through end-to-end implementation of project enhancements, resulting in a 25% improvement in user access efficiency.
- → Established secure data access protocols to ensure GxP compliance, cutting audit preparation time by 30%.

HCLTECH | Technical Analyst

Oct 2021 - Aug 2022 | Chennai, India

- → Developed automated SQL error-monitoring scripts that proactively detected and resolved database issues, increasing data integrity to 99.9% and cutting manual error-handling time by 50%.
- → Automated data extraction and reporting with Python, reducing report delivery time by 50% and improving stakeholder decision-making speed.
- → Collaborated with IT security to enhance database access controls, minimizing unauthorized access risks and improving data security.

PROJECTS

DATASYNCX | DHR PROCESSING AND ARCHIVAL MONITOR | PYTHON, MONGODB,

STREAMLIT, PLOTLY, RESTFUL APIS, AWS

2024

- → Built an automated system to process and archive 10,000+ DHRs monthly, improving efficiency and data accuracy.
- → Reduced data inconsistencies by 85% through real-time validation and error
- → Developed dashboards to track archival status and system performance, boosting monitoring efficiency.
- → Enabled rapid response to critical events with automated alerts, cutting incident response time by 70%.

IDMS | LARGE-SCALE DATA ORGANIZATION | PYTHON, MONGODB, MYSQL, AWS, SERRALA CDN

2024

- → Engineered and organized a scalable data architecture for over 3 million records in Serrala CDN, ensuring streamlined data access and retrieval.
- → Designed an optimized table structure that enhanced data accessibility, reducing query times by 40% and improving usability across teams.
- → Implemented cross-format data compatibility using XML and JSON, enabling seamless data exchange and integration with legacy systems.

SKILLS

PROGRAMMING

Python • SQL • JavaScript Java • HTML • CSS

LIBRARIES/FRAMEWORKS

Django • Flask • React Tailwind

TOOLS/PLATFORMS

Git • MongoDB • PostgreSQL MySQL • AWS • Docker

EDUCATION

VELTECH MULTITECH

B.E IN ELECTRONICS AND COMMUNICATION ENGINEERING Aug 2021 | Chennai, India Cum. GPA: 8.2 / 10

COURSEWORK

- · Data Structures and Algorithms
- Database Management Systems
- Object Oriented Programming
- Operating Systems
- Computer Networks

AWARDS

Exceptional Performer Award

 Recognized for outstanding project deliverables and impactful contributions that significantly improved project outcomes.

Best Project Execution Award

- Honored for successfully executing a high-impact project ahead of schedule, enhancing system efficiency by 40%.