

YASHWANTH ANIRUDH ETTIKALA

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PROFESSIONAL SUMMARY

Software Engineer with 2+ years of experience in Temenos products including Transact and FCM, specializing in core banking transformation and digital banking solutions. Skilled in functional consultancy, system optimization, and resolving complex banking issues. Proven track record of delivering high-quality solutions that enhance financial processes and customer experiences through Agile methodologies and user research.

EDUCATION

Master of Science in Business Analytics and Project Management

Aug 2023 – May 2025

University of Connecticut, School of Business – Hartford, CT

GPA 3.6/4.00

Bachelor of Engineering, Electronics and Communication

Aug 2017 – Jul 2021

CVR College of Engineering – Hyderabad, India

GPA 3.75/4.00

PROFESSIONAL EXPERIENCE

Business Analyst | Ananda (Capstone) | Hartford, CT

Aug 2024 – Dec 2024

- Automated decision-making for trading platforms with an LLM-powered chatbot using models like **Llama**, **Gemma**, and **Mistral**, improving real-time accuracy
- Integrated **Retrieval-Augmented Generation (RAG)** to enhance chatbot accuracy, increasing user engagement metrics by 25%
- Evaluated chatbot performance using BLEU, ROUGE, BERT scores, and Cosine similarity, validating through **T-tests**
- Analyzed LLM model cost-effectiveness, identifying Mistral RAG as the optimal balance of performance and cost-efficiency
- Served as a **liaison** to streamline communication between sponsors and the team, incorporating stakeholder feedback while implementing **Agile** methodologies and project management tools (**JIRA**, **Confluence**) to ensure project alignment

Software Engineer - Product | Temenos | India

Aug 2022 – Jul 2023

- Streamlined **SQL Server** workflows to validate transactions in the database and monitored the **Financial Crime Mitigation (FCM)** application, enhancing data integrity and reducing fraud by 40% across 10,000+ transactions while ensuring regulatory compliance for global clients
- Managed multiple Temenos **T24** modules with a primary focus on **FCM-AML**, implementing seamless FCM and **T24** integration to optimize transaction flows and enhance operational efficiency in banking environments
- Spearheaded Temenos Transact implementation for multiple banks, improving transaction processing efficiency and mitigated operational risk through **FCM module implementation**, ensuring compliance and security
- Debugged code, performed analysis, and provided **maintenance documentation** along with code improvement recommendations

Software Engineer Intern - Product | Temenos | India

Dec 2021 – Aug 2022

- Integrated data from customer, accounts, and transactions using complex **SQL joins** to enhance reporting efficiency while collaborating with team members and sharing expertise in FCM Product, **SaaS**, **DES** and cloud environments
- Optimized customer data analysis using **Advanced Excel** (Pivot Tables, **XLOOKUP**, **SUMIFS**), leading to a 20% boost in customer engagement and strategy execution in marketing conversions
- Collaborated with **stakeholders** to convert business requirements into technical solutions and partnered with the development team to troubleshoot and resolve technical challenges
- Generated a company-wide **KPI** dashboard in **FCM** to visualize key metrics, reducing manual reporting efforts by 10%

SKILLS

Temenos Products: Transact, FCM, and other Temenos suite modules Techno-Functional Expertise-Requirement gathering, solution design, system configuration, and implementation

Core Banking Transformation: End-to-end implementation and integration of banking solutions

Technical Proficiency: SQL, T24, APIs, Web Services, Python (Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn), R, HTML

Application Servers: JBoss, Websphere

Database Expertise: Microsoft SQL Server, Oracle Database, PostgreSQL

Product Management: Agile methodologies, Backlog management, Feature Development, Sprint Planning, User Stories, Scrum

Machine Learning: Logistic Regression, Decision Tree, XGBoost, Neural Network, Gradient Boosting, K-Means Clustering

Data Analytics: Data Analysis, Data Wrangling, Data Cleansing, Data Modeling, Data Transformation, Predictive Modeling, Time Series Analysis, A/B Testing, Hypothesis Testing, Statistical Analysis

ACADEMIC PROJECTS

Sales Insights Dashboard | SQL, Tableau

- Built an interactive Tableau dashboard by integrating sales and accounting data from SQL using an ETL pipeline, automating data analysis and visualization processes, and reducing manual data gathering time by 50%

House Prices Prediction | Python, Machine learning, Data Science

- Developed a Linear Regression model to predict real estate prices in Bangalore, achieving 84% accuracy by analyzing features such as area, number of bedrooms, and bathrooms. Improved model performance using Feature Engineering, K-Fold Cross Validation, and GridSearchCV, achieving over 80% validation accuracy