Ananjay Pampalli

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PROFESSIONAL SUMMARY

Highly analytical and results-driven professional with a foundational background in Computer Science, specializing in AI Data Engineering, coupled with practical experience as a Business Analyst. Proficient in Python and Java, with proven ability to bridge technical requirements with strategic business objectives. Seeking challenging roles that leverage both technical acumen and strategic planning skills.

Skills

- Python
- Java
- Data Analysis
- Requirements Engineering
- SQL/Database Management
- Agile/Scrum
- Machine Learning (Scikit-learn, TensorFlow)
- Stakeholder Management

Experience

Business Analyst — Future Tech (2022-2024)
Kannur

- Conducted comprehensive requirements gathering sessions with cross-functional stakeholders, translating complex business needs into detailed functional specifications for the development team.
- Developed and maintained performance metrics dashboards using analytical tools, contributing to a 15% improvement in tracking operational efficiency and project resource allocation.
- Collaborated closely with software engineering teams to ensure timely delivery of features, performing rigorous User Acceptance Testing (UAT) and managing the product backlog using Agile methodologies.
- Performed market research and competitive analysis to identify key strategic opportunities, resulting in informed product roadmap decisions and optimized feature prioritization.

PROJECTS

AI-Powered Sales Forecast System — (Tech: Python, Pandas, Scikit-learn, TensorFlow, Flask, REST API)
Developed a machine learning regression model using historical sales data to predict quarterly revenue with an achieved accuracy of 92%. Implemented a Flask API endpoint for real-time inference, enabling management to adjust inventory and marketing strategies proactively.
Impact: Provided critical forecasting insights, which supported resource planning and reduced inventory holding costs by approximately 10% through better demand prediction.

Automated University Library Management System — (Tech: Java, MySQL, JDBC, Object-Oriented Programming (OOP))
Designed and implemented a robust, full-stack system using Java and MySQL to manage book inventory, user registration, and transaction tracking. Utilized JDBC for database connectivity and incorporated OOP principles for scalability and maintainability.
Impact: Streamlined the checkout and return process, resulting in a 40% reduction in manual data entry errors and improved operational efficiency for librarians.

Education

BTech CSE AI DE (Computer Science Engineering with Specialization in AI Data Engineering), Lovely Professional University (2027)
CGPA: 7.8 GPA