

# Amol Pashte

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## Professional Summary

Proactive and detail-oriented **Business Analyst & Data Professional** with expertise in **AI, Data Science, and Analytics**. Experienced in requirement gathering, stakeholder collaboration, and translating business needs into functional/technical solutions. Skilled in **Python, SQL, Power BI, Tableau**, and applying **machine learning** for predictive insights. Adept at designing dashboards, writing BRDs/FRDs, performing root cause analysis, and supporting **AI-driven applications** that improve decision-making and business outcomes.

## Core Competencies

- Requirement Gathering & Documentation (BRD, FRD, SOW)
- Stakeholder Management & Cross-Team Collaboration
- Data Analysis, Visualization & Reporting (Power BI, Tableau, Excel)
- Machine Learning Model Development (scikit-learn, TensorFlow basics)
- Data Quality, Transformation & Preprocessing
- SQL (Postgres or similar), Python
- Cloud Platforms: AWS (Foundational)
- Agile/Scrum Methodologies, Jira, Confluence

## Professional Experience

**Junior Business Analyst | VTech Solution Inc | Dec 2024 – May 2025**

- Gathered and analyzed requirements from business stakeholders, ensuring alignment with technical feasibility.
- Prepared **BRDs, FRDs, workflow diagrams, and process documentation** to capture requirements and track changes.
- Supported the **development of an AI-driven resume matching application**, contributing to requirement analysis, test planning, and validation of model outputs.
- Collaborated with data scientists and developers to refine **matching algorithms** by analyzing recruiter feedback and candidate-job outcomes.
- Wrote **Python and SQL scripts** for data validation, extraction, and transformation, improving accuracy of profile-job matching.
- Developed **Power BI dashboards** to visualize recruiter engagement, matching score trends, and system adoption metrics.

- Facilitated requirement workshops and sprint planning sessions, bridging the gap between technical teams and business stakeholders.
  - Conducted **UAT sessions** with recruiters, collected feedback, and ensured smooth roll-out of application updates.
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## Projects

**Stock Market Prediction** – Built a time-series forecasting model for stock price movements using Python, Pandas, and scikit-learn. Applied feature engineering with technical indicators and evaluated models with RMSE/MAPE.

**Customer Churn Prediction** – Developed a classification model using logistic regression and random forest. Handled imbalanced datasets with SMOTE and created churn risk dashboards in Power BI.

**Chatbot with NLP** – Designed a sentiment classification system using TF-IDF, Word2Vec, and logistic regression. Experimented with BERT embeddings for improved accuracy.

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## Education

### **Bachelor of Engineering – Computer Science & Engineering**

A.C. Patil College of Engineering | Graduated Jun 2024

Relevant Electives: Data Analytics, Machine Learning, Artificial Intelligence, Data Mining, SDLC

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## Certifications

- Power BI – PwC
  - Data Analytics & Visualization – Accenture
  - SQL & Python for Data Analysis – Anudip Foundation
  - Business Analytics – Agile Enterprise Coach
  - RPA Essentials – Automation Anywhere
  - Alteryx Designer Core – Alteryx
  - OCI AI Foundation – Oracle
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## Tools & Technologies

- **Data & Analytics:** SQL, Python, R (Foundational)
- **ML & AI Frameworks:** scikit-learn, TensorFlow (basics), Keras (basics)
- **Visualization:** Power BI, Tableau

- **Collaboration & Office:** MS Office, Google Suite, Jira, Confluence
- **Database Management:** Querying & handling large datasets
- **Cloud Platforms:** AWS (Foundational Knowledge)