**How to Use This Context Document:**

**1. Save This Document**

* Copy the content above
* Save as PROJECT\_CONTEXT.md in your project root
* Commit to GitHub: git add . && git commit -m "Add project context" && git push

**2. When Starting New Claude Session:**

"Hi Claude, I'm working on a payment anomaly detection project. Here's the context:

[paste the PROJECT\_CONTEXT.md content]

I need help with [specific question/enhancement]"

**3. Quick Context Sharing:**

"I'm Gaurav, working on payment anomaly detection for British Airways.

GitHub: gaurav0325/payment-anomaly-mvp

Live: [your-streamlit-url]

Local: localhost:8502

Current status: [describe current issue]"

**📁 Additional Documentation Strategy:**

**Create a DEVELOPMENT\_LOG.md**

Development Log Template

Document

# Development Log - Payment Anomaly Detection ## Session Log Template \*\*Date\*\*: [Current Date] \*\*Session Duration\*\*: [Start - End Time] \*\*Goals\*\*: [What you wanted to achieve] \*\*Completed\*\*: [What was accomplished] \*\*Issues\*\*: [Problems encountered]

**🔄 Quick Recovery Commands:**

**GitHub Repository Link:**

Always share: https://github.com/gaurav0325/payment-anomaly-mvp

**Key Project Identifiers:**

* **Project**: Payment Anomaly Detection MVP
* **Purpose**: AI Architecture portfolio for British Airways
* **Technology**: Streamlit + Python + ML
* **Status**: Deployed and running locally

**Standard Claude Prompt:**

"I'm Gaurav, AI Solution Architect working on payment anomaly detection for British Airways.

Project: https://github.com/gaurav0325/payment-anomaly-mvp

Technology: Streamlit, Python, Isolation Forest ML

Current Status: Live on Streamlit Cloud, local dev on port 8502

I need help with: [your specific question]"

**💡 Pro Tips for Memory Management:**

**1. Use Consistent Keywords:**

* "payment anomaly detection"
* "British Airways"
* "gaurav0325/payment-anomaly-mvp"
* "Streamlit Cloud"
* "DART 312/313"

**2. Update README.md Regularly:**

Keep your GitHub README current with latest status

**3. Screenshot Important Configurations:**

Save screenshots of:

* Working dashboard
* VS Code setup
* Local development environment
* Streamlit Cloud deployment

**4. Version Control Everything:**

bash

*# Always commit important changes*

git add .

git commit -m "Add project context and documentation"

git push origin main

**🎯 Quick Context Sharing Template:**

Copy this template for future Claude sessions:

Hi Claude! I'm Gaurav, working on payment anomaly detection for British Airways.

PROJECT CONTEXT:

- GitHub: https://github.com/gaurav0325/payment-anomaly-mvp

- Live App: [your-streamlit-url]

- Local: localhost:8502

- Tech: Streamlit, Python, Pandas, Plotly, scikit-learn

- Purpose: AI Architecture portfolio demonstrating end-to-end ML solution

CURRENT STATUS:

- ✅ MVP deployed to Streamlit Cloud

- ✅ Local development working

- ✅ GitHub repository active

- ⏳ VS Code setup in progress

IMMEDIATE NEED:

[Describe your specific question or issue]

**Save this context document in your project and you'll be able to quickly get me up to speed in any future session!**