

Enterprise Application Architecture Specification

Version: [1.0] Date: [YYYY-MM-DD]

1. Overview

[Provide a high-level overview of the enterprise application, its purpose, and its strategic value for the organization.]

2. Architecture Objectives

- [Objective 1]
- [Objective 2]
- [Objective 3]

3. Architectural Diagram

[Insert diagram or architecture image here]

[Component 1] ----- [Component 2]
| |
[Component 3] [Component 4]

4. Application Layers

- Presentation Layer:** [Description]
- Business Logic Layer:** [Description]
- Data Access Layer:** [Description]
- Integration Layer:** [Description]

5. Technology Stack

Layer	Technology
Frontend	[e.g., React, Angular]
Backend	[e.g., Node.js, .NET, Java Spring]
Database	[e.g., PostgreSQL, Oracle, MongoDB]
API	[e.g., REST, GraphQL]
Infrastructure	[e.g., Docker, Kubernetes, AWS]

6. Key Components

- Authentication & Authorization:** [Describe approach]
- Logging & Monitoring:** [Describe approach]
- Error Handling:** [Describe approach]
- Configuration Management:** [Describe approach]

7. Integration Points

- [System A]: [Type of integration, e.g., REST API]
- [System B]: [Type of integration, e.g., Data Pipeline]

8. Non-Functional Requirements

- Performance: [Requirement]
- Scalability: [Requirement]
- Security: [Requirement]
- Availability: [Requirement]
- Maintainability: [Requirement]

9. Deployment & Environments

[Describe deployment process and supported environments, e.g., Dev, Staging, Production]

10. Appendix

[References, Glossary, and Supporting Documents as needed]