ConnectBack Portal – Requirement & Design Document

# Document History

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| --- | --- | --- | --- |
| Version | Date | Author | Description |
| 1.0 | 2025-07-15 | Tallam Mohan Krishna | Initial draft with requirements, architecture, and design |

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ConnectBack Portal – Requirement & Design Document

# 1. Objective

To develop a secure, user-friendly web application for ex-employees to access important documents and view their employment history with Argano.

# 2. Functional Requirements

## 2.1 Login Screen

Input Fields:  
- Employee ID (Argano Employee ID)  
- Password

Behavior:  
- Validates credentials against backend service  
- Navigates to Dashboard upon successful login

## 2.2 Signup Screen

Input Fields:  
- First Name  
- Last Name  
- Phone Number  
- Email ID  
- Argano Employee ID  
- Password

Behavior:  
- Captures data and triggers OTP  
- Displays input for OTP verification  
- On correct OTP, registers user into the system

## 2.3 Dashboard Page

Displayed after successful login.

Personal Details:  
- Name (e.g., TALLAM MOHAN KRISHNA)  
- Designation (at time of resignation)  
- Joining Date  
- Last Working Day

Downloadable Documents:  
- Form 16  
- Pay Slips  
- Relieving/Experience Letter

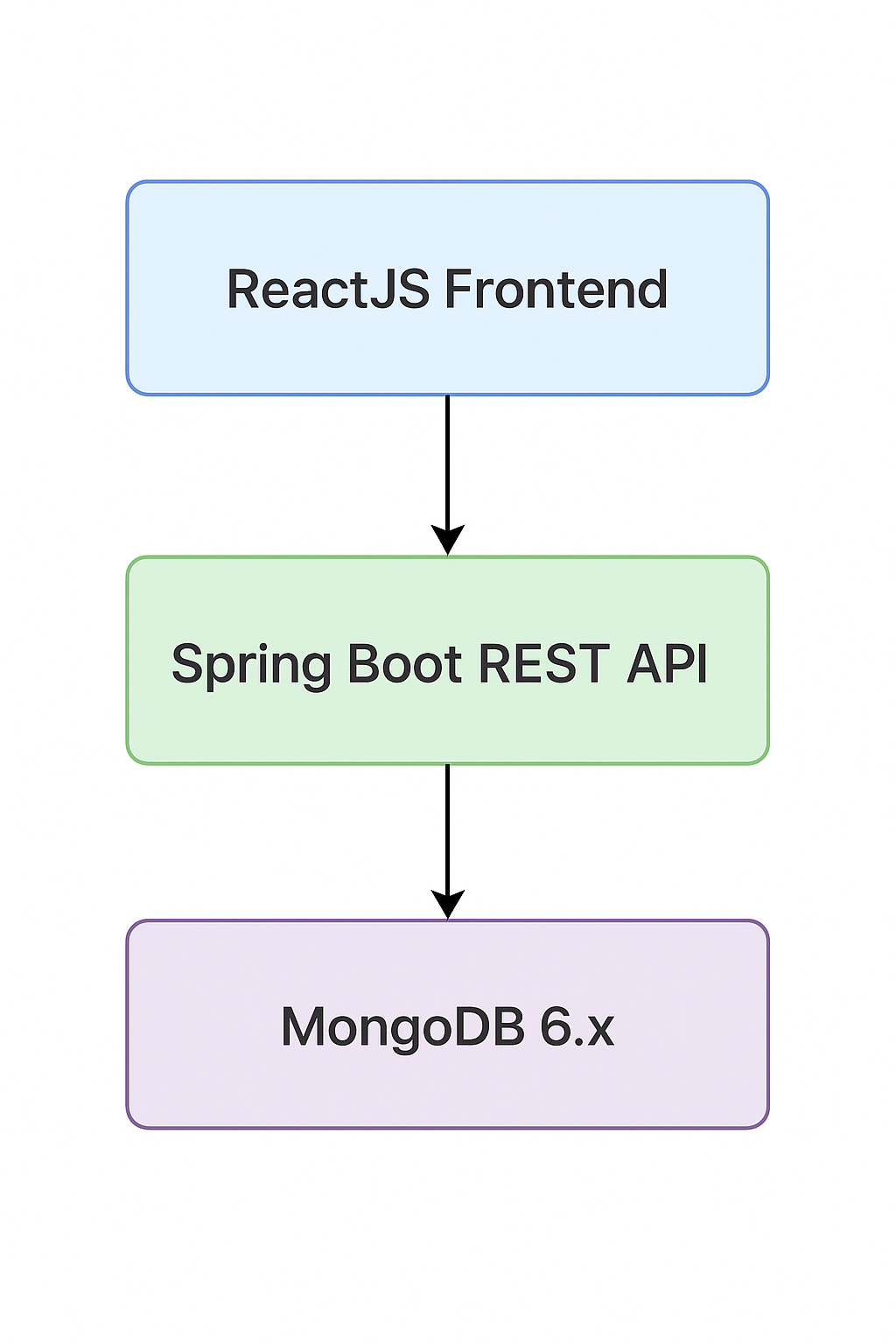
# 3. Technical Solution Overview

Frontend:  
- ReactJS (v18)  
- Routing with react-router-dom  
- Axios for API integration

Backend:  
- Spring Boot 3.3.13  
- REST APIs for login, signup, OTP, and document retrieval

Database:  
- MongoDB 6.x (LTS)  
- Collections: Users, OTP Logs, Document Metadata

# 4. Architectural Design



# 5. Deployment (Local for Asset Creation)

MongoDB running as Windows service  
React app run via npm start  
Spring Boot backend as standalone jar

# 6. Future Enhancements

JWT-based secure login  
Admin portal for document uploads