AGREEMENT MANAGEMENT SYSTEM (DocuSign-Style Mini Platform)

Project Overview The Agreement Management System is a full-stack web application inspired by DocuSign's core functionality. It enables users to upload agreements (PDFs), manage signing workflows, track agreement status, and maintain an audit trail of all actions.

Technology Stack (Mandatory) Frontend: React.js (Replit React Template) Backend: Node.js + Express.js (Replit Node.js Template) Database: MongoDB Atlas Cloud: Azure App Service, Azure Blob Storage Version Control: Git & GitHub

System Architecture React Frontend → Node.js REST APIs → MongoDB Atlas → Azure Blob Storage Deployment via Azure App Service.

User Roles Sender: Upload agreements, assign signers, manage status Signer: View and sign agreements

Agreement Lifecycle Draft → Sent → Signed

Backend Features JWT Authentication Role-based access control RESTful APIs Audit logging

Frontend Features React Hooks Context API Axios-based API communication

Deployment Backend deployed on Azure App Service Frontend deployed on Azure App Service or Azure Static Web Apps

Resume Description Built a DocuSign-style agreement management system using React.js, Node.js, REST APIs, MongoDB, and Azure services.