

TOC DEVOPS INFRASTRUCTURE SETUP

A Scalable CI/CD Pipeline for AI-Driven Talent Ecosystem

By Team B

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Objective:

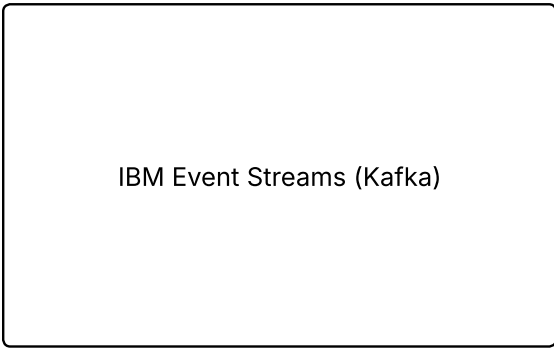
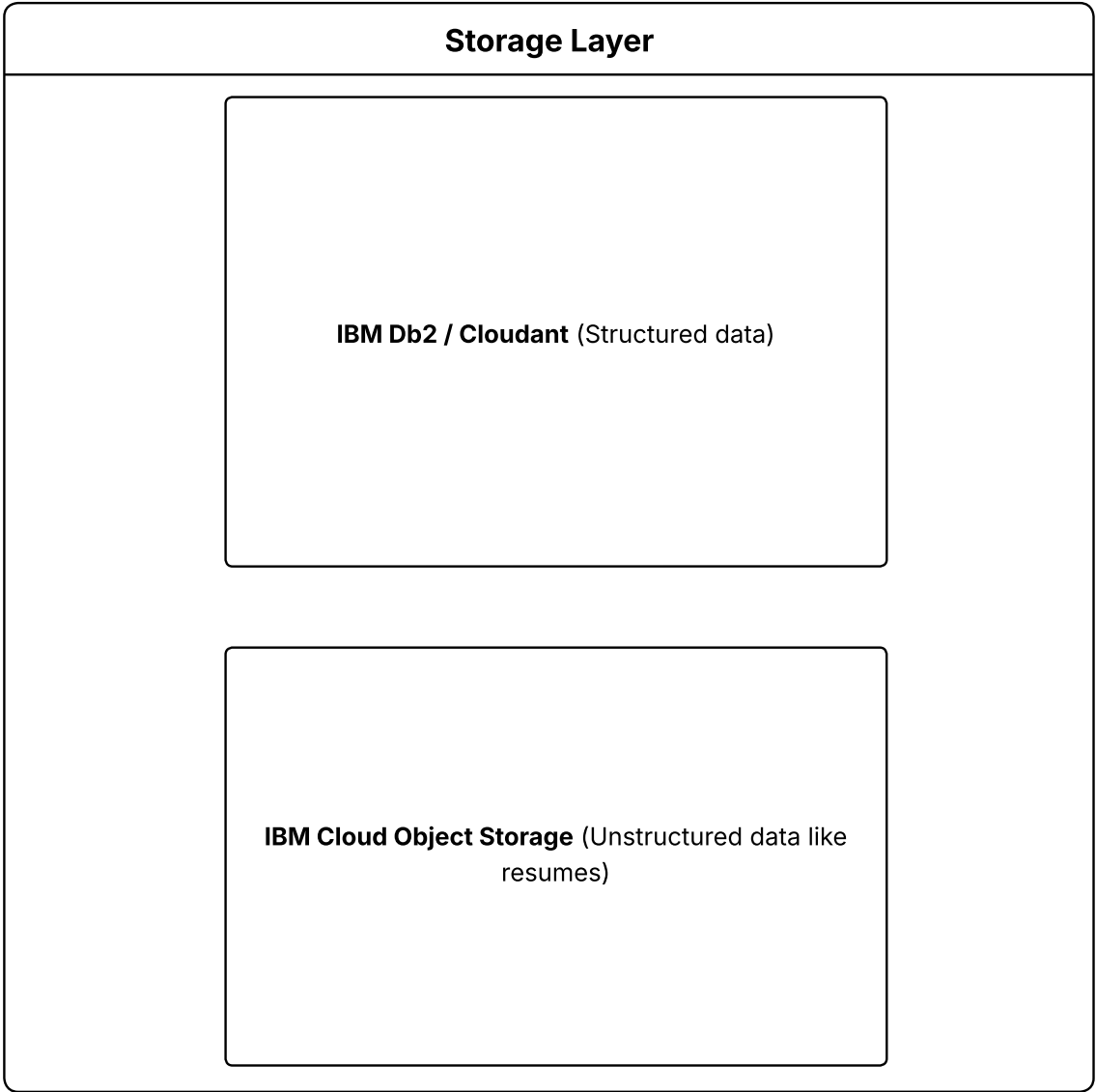
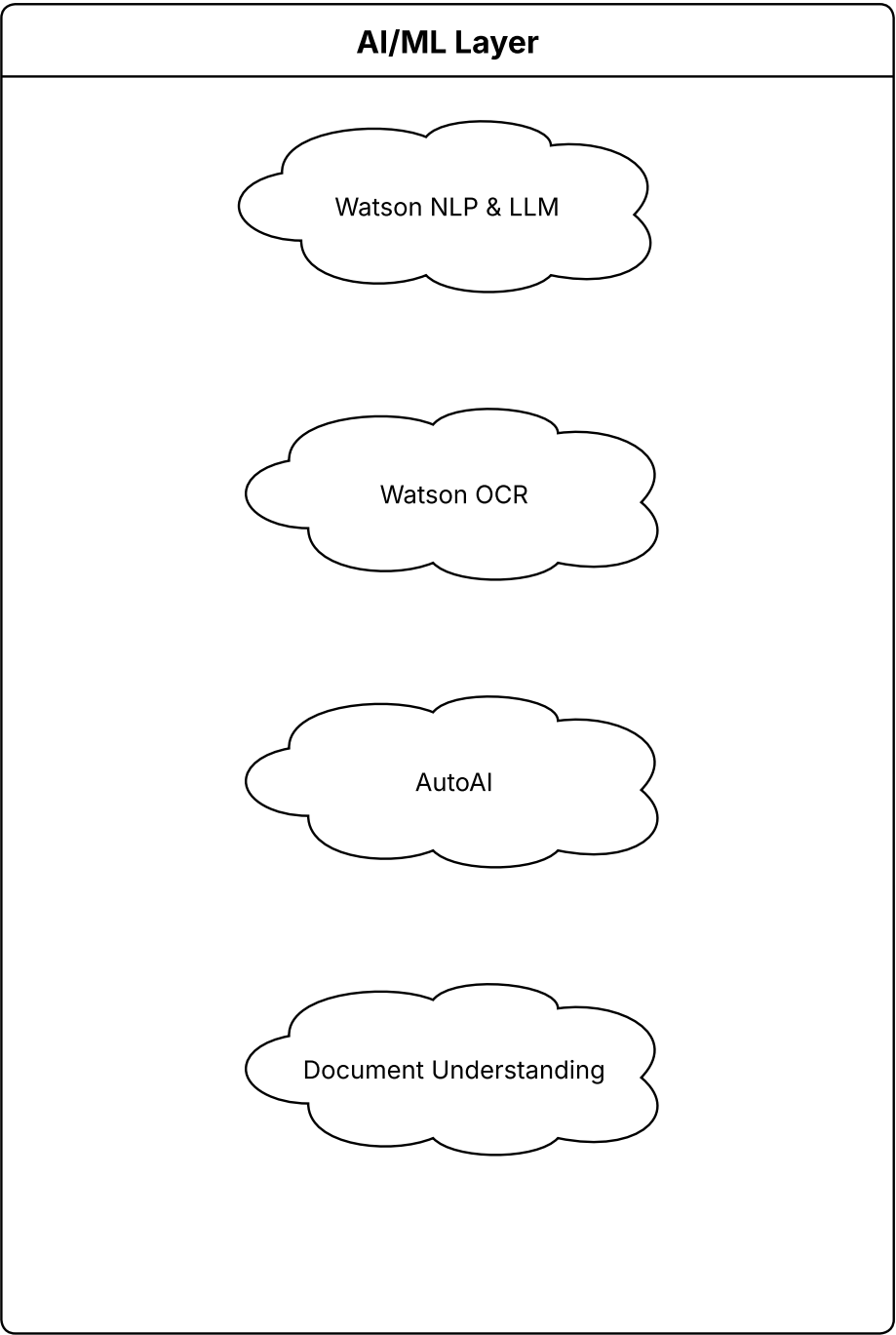
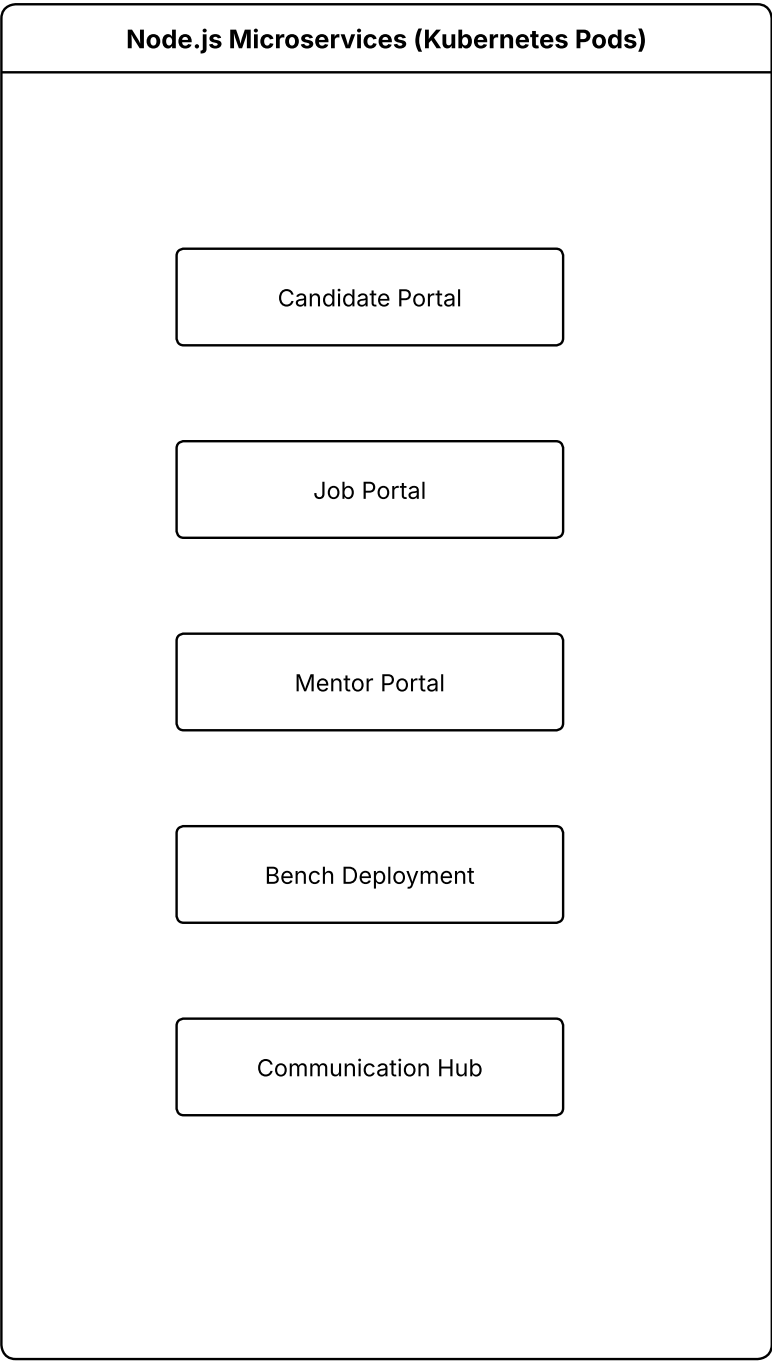
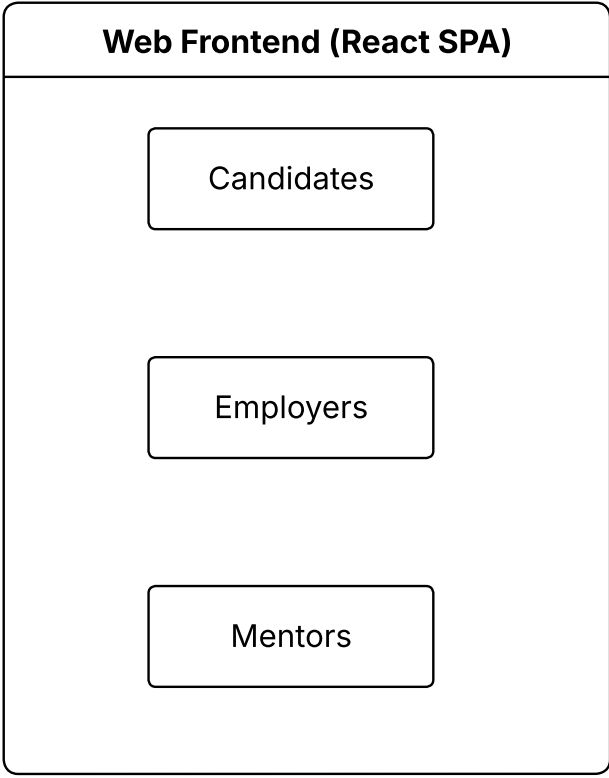
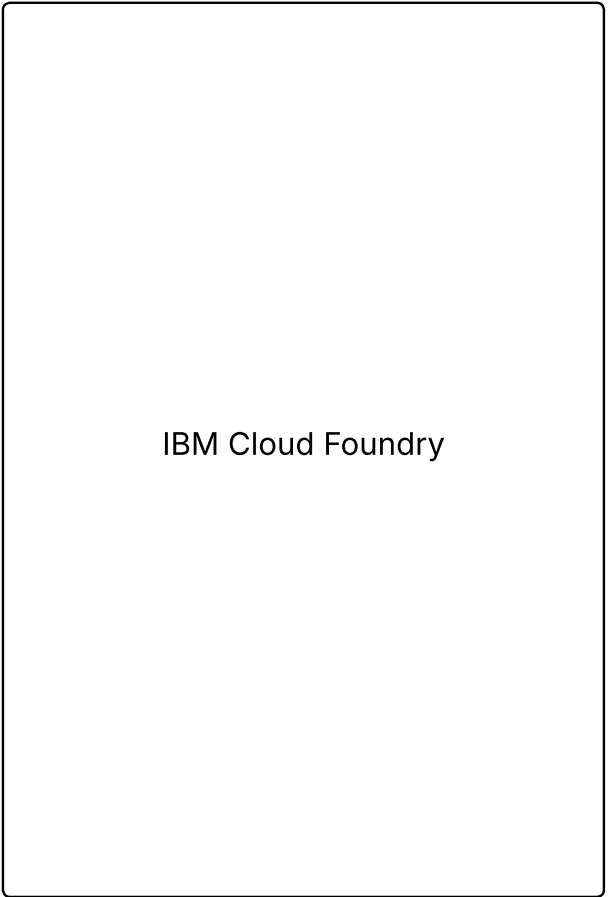
TOC (Talent on Cloud) is a cloud-native platform that unifies job discovery, candidate deployment, mentorship, and upskilling into a single AI-powered ecosystem. It supports three personas: Employers, Job Seekers, and Mentors.

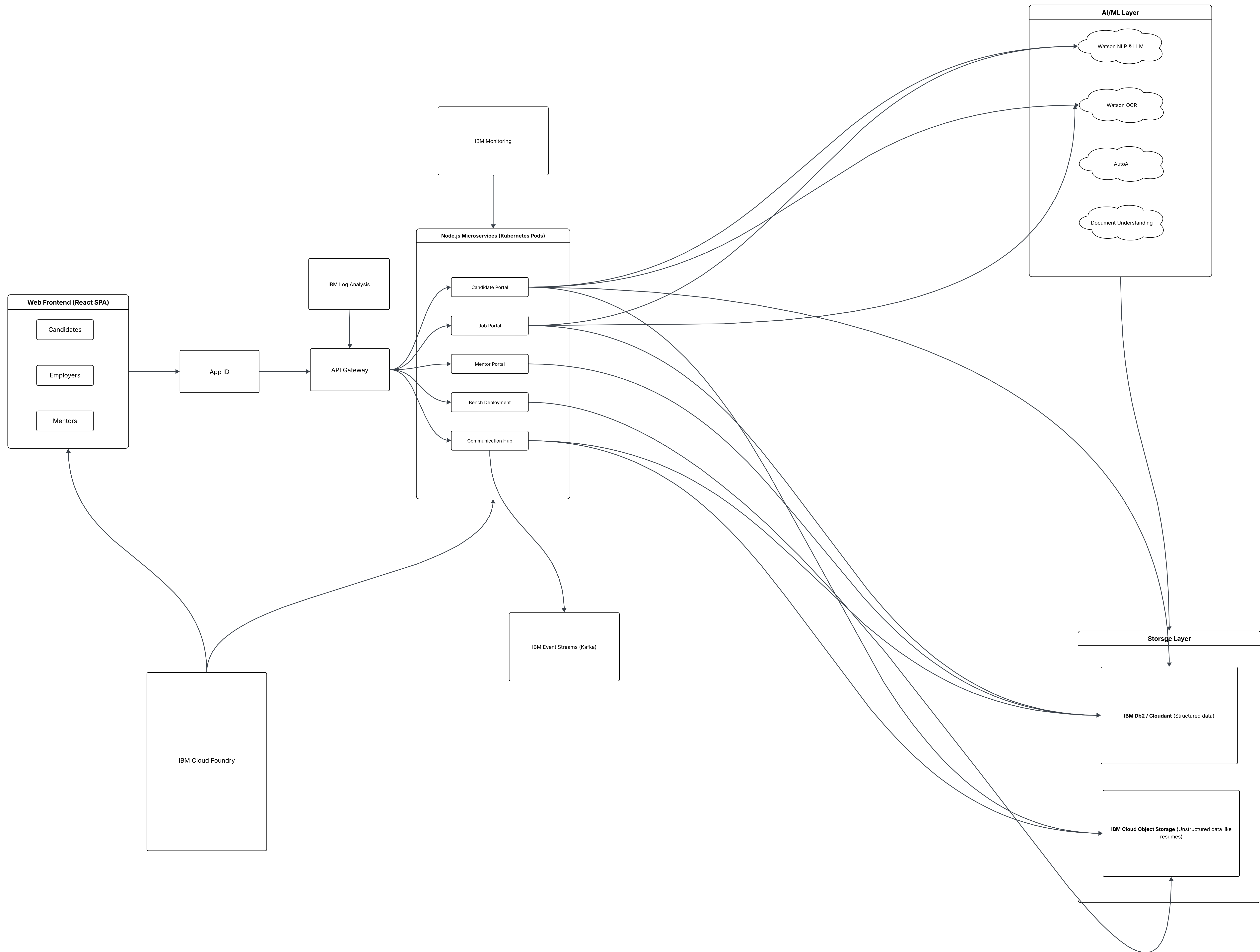
Core Modules:

Candidate Portal, Job Portal, Mentor Portal, Bench Deployment, Communication Hub.

Expected Outcomes and Impact:

- Reduce bench cost with real-time resource sharing
- Accelerate hiring through contextual AI matchmaking
- Increase employability with structured mentorship
- Foster inter-company collaboration for talent circulation
- Create a dynamic talent pipeline driven by learning and redeployment





IBM Services	AWS Services
IBM Watson NLP, LLM	Amazon Comprehend, Bedrock, SageMaker
IBM Watson Discovery	Amazon Kendra, Textract, Comprehend
Document Understanding	Amazon Textract, Comprehend, Step functions
Cloud Foundry	Elastic Beanstalk
Cloud Object Storage	S3
IBM DB2	RDS
IBM Cloudant	DynamoDB
IBM Watson OCR	Amazon Textract
IBM Auto AI	AWS SageMaker Autopilot
IBM Event Streams (Kafka)	Apache Kafka
App ID (Authentication)	Amazon Cognito
IBM Log Analysis	AWS Cloudwatch Logs

The above AWS services are not the exact services but are similar.