
Magic AI Portal Checklist

Production Deployment Checklist (Baseline Validation)

Pre-Deployment

- ✓ Code Freeze: Confirm that the release branch is frozen.
- ✓ Code Review: All PRs are approved and merged.
- ✓ Unit Testing: Ensure all tests are passing in the CI/CD pipeline.
- ✓ Staging Validation: Verify deployment in staging environment matches production baseline.
- ✓ Database Migration Scripts: Reviewed, tested on QA Env.
- ✓ Infrastructure as Code (IaC): Confirm Terraform/CloudFormation/K8s manifests reviewed.
- ✓ Access & Permissions: Verify only authorized users can deploy.
- ✓ Environment Variables / Secrets: Double-check .env / secrets manager updated.

Deployment Day

- ✓ Notify stakeholders via email.
- ✓ Backup database & critical configs.
- ✓ Run migration scripts for Spanner DB.
- ✓ Deploy backend services Flask (API, workers).
- ✓ Deploy React frontend with Magic AI.
- ✓ Verify health checks & service logs.
- ✓ Validate AI model deployment (correct version loaded).
- ✓ Smoke Test: Run a basic end-to-end workflow with the testing team.

Post-Deployment

- ✓ Monitor application (logs, dashboards, error trackers).
- ✓ Validate key business flows (login, search, Dashboards, AI response).
- ✓ Check database for data integrity.
- ✓ Confirm alerts/metrics reporting.
- ✓ Announce success to stakeholders.