## **Production-Ready App Checklist**

Detailed Checklist: What an App Should Have to Be Considered Production Ready

- 1. Core Functional Readiness
- All core features complete and stable
- Input validation and edge-case handling
- Acceptable performance (<300ms for core flows)
- Correct and consistent state management
- 2. UX and UI Polish
- Smooth onboarding flow
- Working auth flows (signup, login, password reset)
- Loading indicators, error messages, feedback UI
- Responsive design for various device sizes
- Optional: Dark mode
- No dead-ends or blank states
- 3. Architecture & Code Quality
- Modular, well-structured codebase
- Reusable components/services
- Clear naming and consistency
- Unit test coverage (60%)
- Dependencies locked and secure
- No hardcoded secrets
- 4. Security & Compliance
- Token-based auth (JWT/OAuth)
- SSL/TLS for all network communication
- Encryption of sensitive data
- No unprotected sensitive data in local storage
- Privacy policy and terms
- Compliance: HIPAA/GDPR if applicable

## **Production-Ready App Checklist**

- 5. Monitoring, Analytics & Crash Handling
- Integrated analytics (e.g., Mixpanel, Firebase)
- Crash/error tracking (e.g., Sentry, Crashlytics)
- Logs and client-side event tracking
- Optional: A/B testing capability
- 6. Continuous Deployment & Release
- Versioning in place
- Staging environment
- OTA updates or CI/CD process
- Ready for App Store/Play Store submission
- Icon, screenshots, and metadata complete
- 7. Integrations & External Services
- Push notifications (with deep links)
- Working email/OTP flows
- Payments integrated (Stripe, Apple Pay, etc.)
- Graceful handling of API/AI model failures
- 8. Testing Coverage
- Unit tests for logic
- Integration tests for key flows
- Manual QA checklist
- Tested on real Android/iOS devices
- 9. Backend & Infra
- Stable and versioned APIs
- Monitoring and rate limiting
- RBAC and session expiry
- Backups and alerts for downtime
- 10. User Support & Trust

# **Production-Ready App Checklist**

- Contact email or form
- Terms of Use and Privacy Policy linked
- Professional landing page
- Optimized app store description

### Bonus for Healthcare Apps:

- Medical disclaimer
- Audit logs (for HIPAA)
- Clinical model validation
- Offline-safe fallback

#### TL;DR Minimum:

- Crash-free core flows
- Basic auth, notifications, payments
- Secure and monitored
- Analytics and bug tracking
- Update path through App Store or OTA