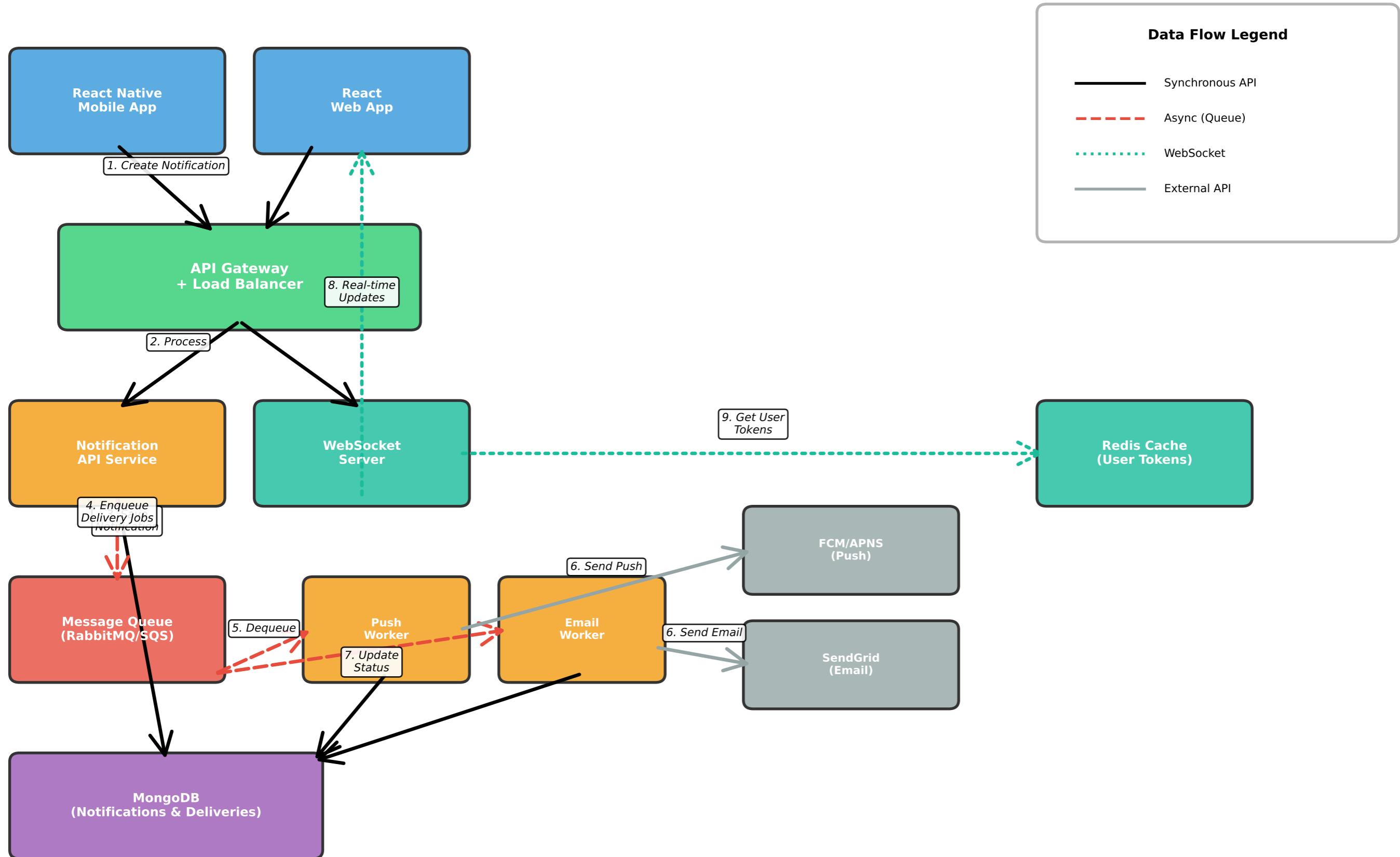


Notification System Architecture



Key Design Features:

- Async processing via Message Queue prevents API blocking
- WebSocket server enables real-time updates for web clients
- Workers handle retries independently for each channel
- Redis caches user push tokens for fast lookup
- MongoDB stores notification + per-channel delivery status
- Horizontal scaling: Add more workers for traffic spikes