



PICK MY DISH

Your Personal Cooking Companion

- Time-aware
- Mood-based
- Ingredient-aware

Intelligent Recipe Recommendation System

Team Members:

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The Problem & Our Solution



THE CHALLENGE



Decision Fatigue



Limited Resources



Time Constraints



No Personalization



OUR SOLUTION



AI Recommendations



Smart Filtering

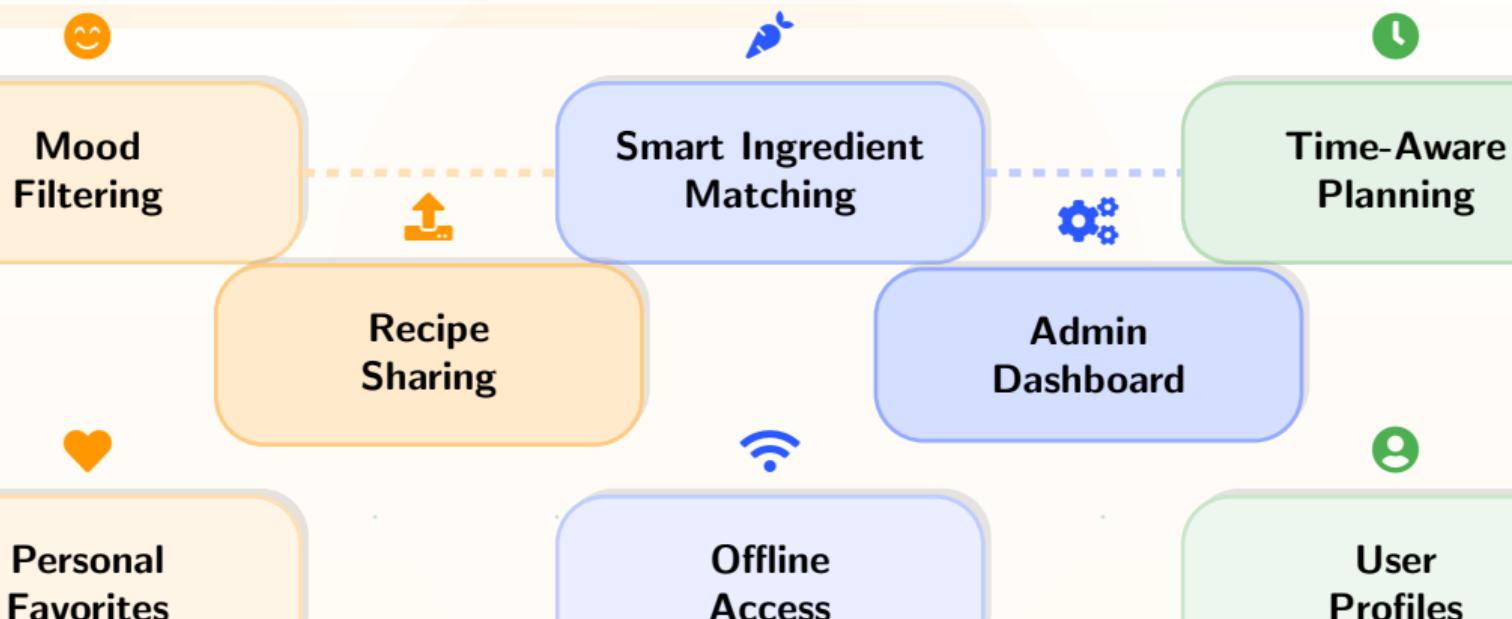


Quick Planning



Mood-Aware

Intelligent Features for Seamless Cooking



Modern Stack for Scalable Solutions

 Frontend

 Backend

 DevOps & Tools

 Flutter

 Node.js

 Git/GitHub

 Provider State

 Express.js

 Jenkins

 Material UI

 MySQL

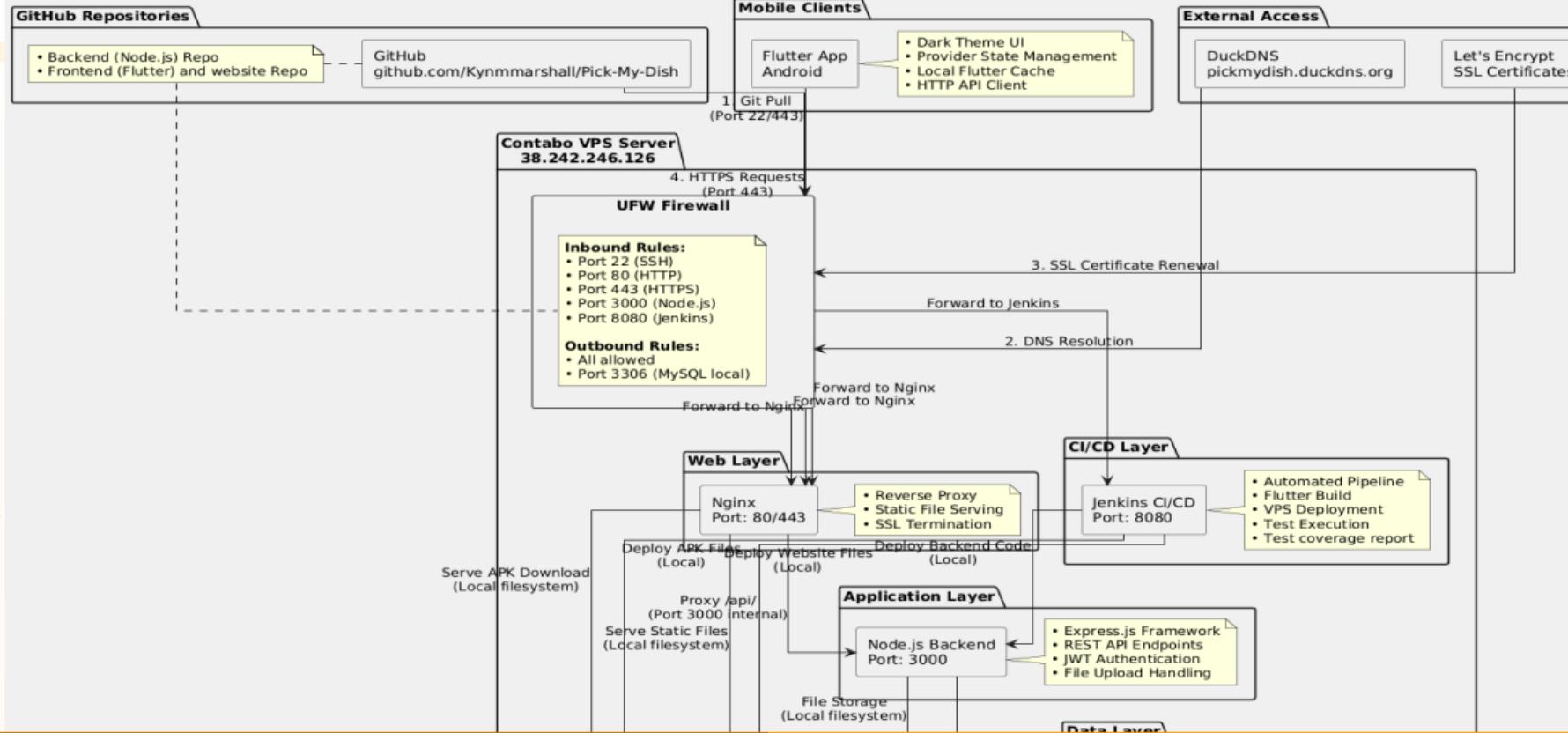
 Nginx

 JWT + Bcrypt

 Contabo VPS

System Architecture

PickMyDish - Complete Architecture with GitHub Integration



User Flow: Mood-Based Recipe Discovery

Select Mood

Choose Ingredients

Set Time Limit

View Results

Mood

Ingredients

Time

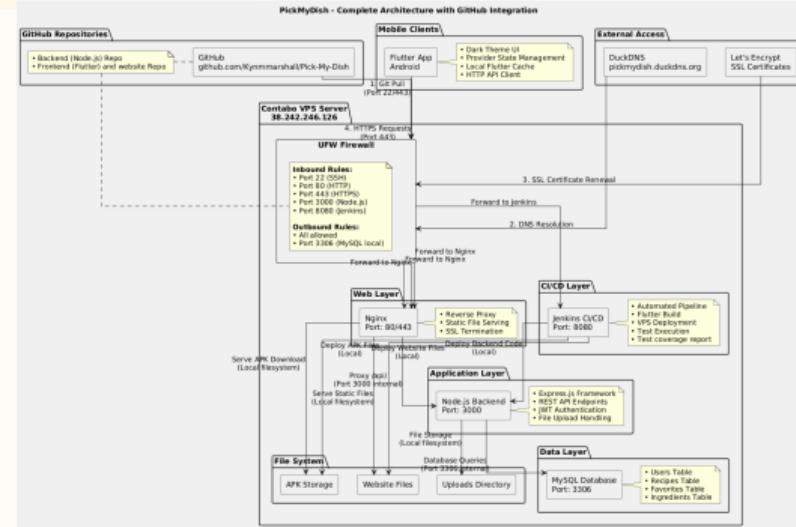
Results

Happy • Sad

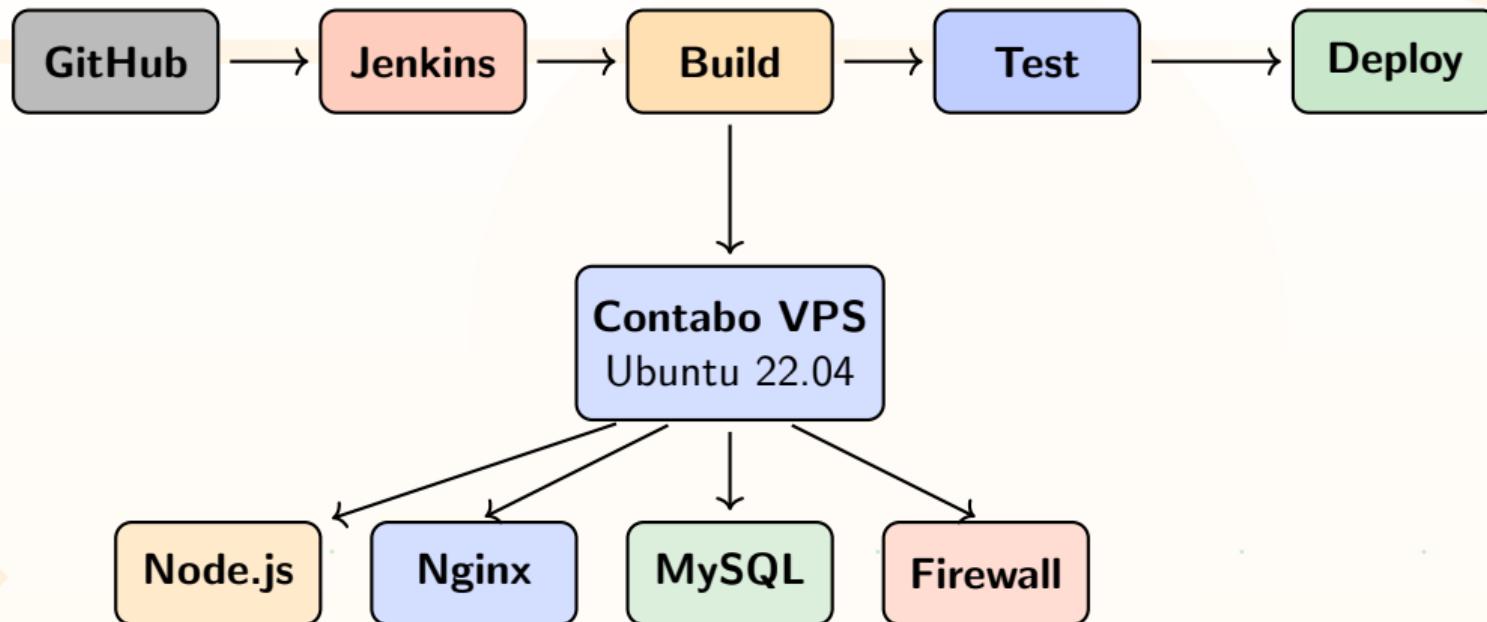
- Energetic
- Comfort
- Healthy
- Quick
- Light

Design Patterns

- **Provider Pattern**
State management
- **Repository Pattern**
Data abstraction
- **Singleton Pattern**
Shared instances
- **Factory Pattern**
Object creation

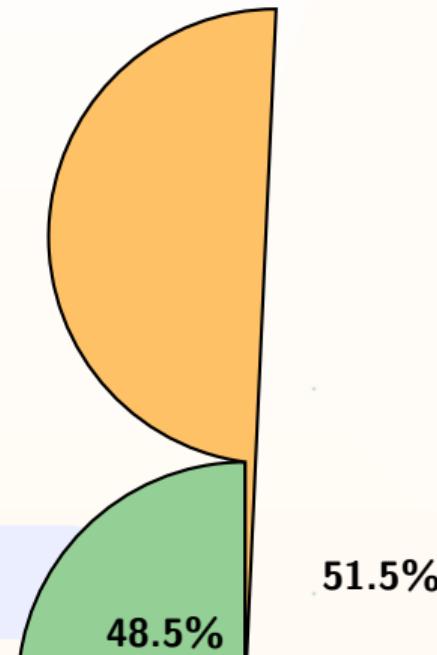


Deployment & DevOps Pipeline



99.8% Uptime — CI/CD Automation — Real-time Monitoring

Test Coverage



Performance

Metric	Target
Recipe Load Time	≤ 2s
API Response	≤ 500ms
Database Query	≤ 300ms
Uptime	99.8%

Achievements

- Fully functional cross-platform app
- Secure authentication system
- Offline-first architecture
- Fast, responsive UI
- Automated deployment
- Comprehensive testing

Future Enhancements

- AI-powered recommendations
- Multi-language support
- Advanced analytics
- Smart notifications
- Nutrition tracking
- Social sharing

Thank You!

Questions?

