



PICK MY DISH

Your Personal Cooking Companion

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

Intelligent Recipe Recommendation System

Team Members:

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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



**Mood
Filtering**



**Smart Ingredient
Matching**



**Time-Aware
Planning**



**Recipe
Sharing**



**Admin
Dashboard**



**Personal
Favorites**



**Offline
Access**



**User
Profiles**

Modern Stack for Scalable Solutions

Frontend



Flutter



Provider State



Material UI

Backend



Node.js



Express.js



MySQL



JWT + Bcrypt



DevOps & Tools



Git/GitHub



Jenkins

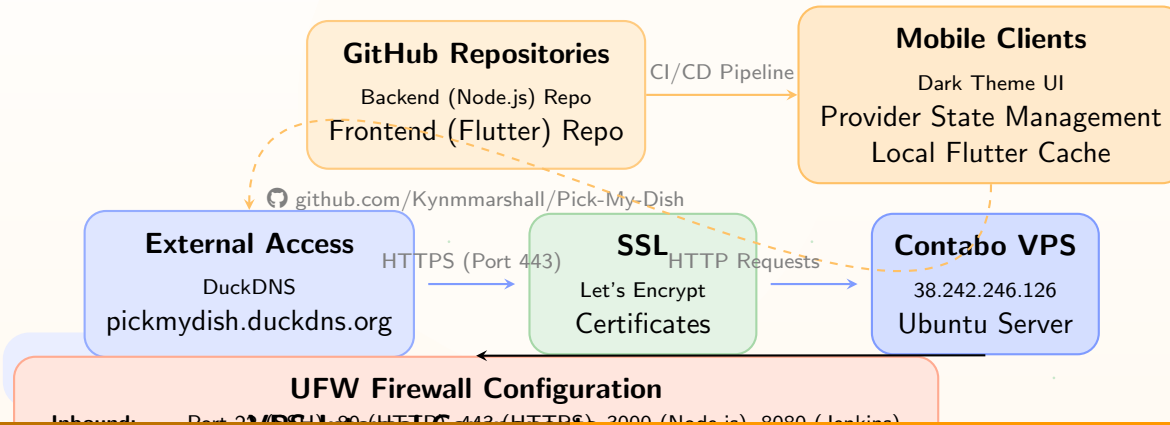


Nginx



Contabo VPS

PickMyDish - Complete Architecture with GitHub Integration



User Flow: Mood-Based Recipe Discovery

Select
Mood

Choose
Ingredients

Set Time
Limit

View
Results

Mood

Ingredients

Time

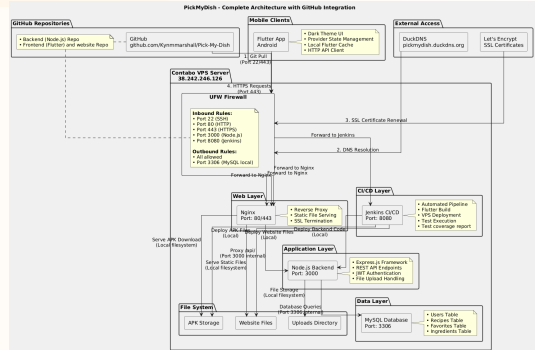
Results

Happy • Sad

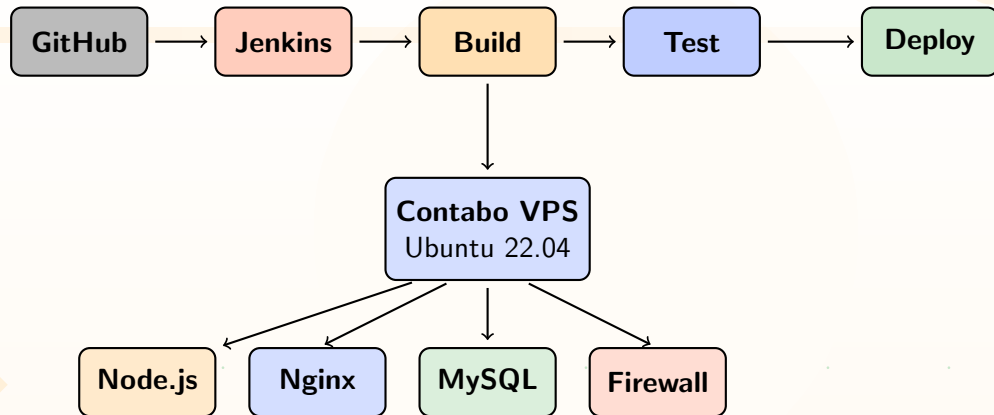
- Energetic
- Comfort
- Healthy
- Quick
- Light

Design Patterns

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

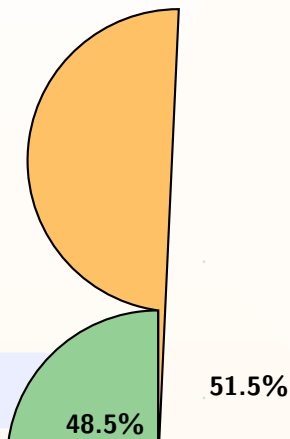


Deployment & DevOps Pipeline



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?

