

TAKE-HOME ASSIGNMENT — Internship Edition (Condensed)

Time budget: \approx 3-4h of focused work

Submission deadline: 48 hours from receiving this brief

Deliverables: GitHub repo + live/demo link

Choose ONE Mini-Challenge:

A. Full-Stack: "Link Saver + Auto-Summary"

Core Requirements:

1. Authentication:

- Email/password signup & login
- **Authentication options:**
 - Implement your own (hash passwords with bcrypt/Argon2)
 - Firebase Authentication
 - Supabase Auth
- **Good to have:** Google OAuth integration

2. Bookmark Management:

- Save URLs with title & favicon
- Generate summaries using Jina AI endpoint (see Appendix)
- List, view, and delete bookmarks

Optional Enhancements:

- Tag filtering
- Dark mode
- Drag-drop reordering

Tech Stack Options:

- Frontend: React, Next.js, or similar
- Backend: Node/Express, Next API routes, etc.
- Database: Any lightweight solution (SQLite, MongoDB, Supabase, localStorage)

B. Mobile: "Three-Screen Workout Tracker"

Core Requirements:

1. **Authentication:**

- Email/password saved securely on device
- **Authentication options:**
 - Implement your own secure storage
 - Firebase Authentication
 - Supabase Auth
- **Good to have:** Google OAuth integration

2. **Workout Features:**

- Home screen with 3 pre-defined workouts
- Detail screen with timer functionality
- History screen showing completed workouts

Optional Enhancement:

- Dark mode
- Voice TTS cues

Tech Stack Options:

- React Native (Expo) or Flutter
- Local storage solution

Submission Requirements:

- GitHub repository
- Live demo link
- README with tech stack, setup instructions, and time spent
- 2-3 screenshots
- Basic tests
- Logical commit history

Evaluation Criteria:

- Core functionality: 40%
- Code quality: 30%
- UI/UX: 20%
- Documentation: 10%

Appendix: Jina AI Summary API

Endpoint: GET `https://r.jina.ai/http://<URL_ENCODED_TARGET_PAGE>`

Example:

Copy

```
const target = encodeURIComponent('https://en.wikipedia.org/wiki/Artificial_intelligence');
const res = await fetch(`https://r.jina.ai/http://${target}`);
const summary = await res.text();
```

Notes:

- No API key required
- CORS enabled
- ~60 calls/hour per IP limit
- Handle errors gracefully

For questions: gautam@omvad.com

Good luck!