

# ADRIAN WEBER

## API Design and Integration

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## SUMMARY

Full Stack Developer with a strong focus on API design and system architecture. Specialized in building scalable, secure, and well-documented RESTful and GraphQL APIs. Experienced in integrating back-end services with modern front-end frameworks to deliver complete web applications. Skilled in solving complex technical problems and optimizing performance across the stack. Committed to clean code, maintainability, and efficient collaboration in agile environments.

## EXPERIENCE

### API Developer (Freelance / Personal Projects)

#### Reilly Group

01/2023 - Present   Location

Reilly Group is a full service technology solutions provider

- Designed and deployed 15+ RESTful APIs, improving response times by up to 40% through efficient routing and database optimization.
- Implemented secure authentication with JWT and OAuth2, protecting 95% of all API endpoints.
- Created OpenAPI (Swagger) documentation that reduced front-end integration time by 60%.
- Achieved over 90% test coverage using Jest and Supertest, ensuring reliable and maintainable codebases.
- Built scalable back-end systems with PostgreSQL and MongoDB, handling datasets with over 100,000 records.

### Efficient Problem Solving Expert

#### Reilly Group

01/2023 - Present   Location

Reilly Group is a full service technology solutions provider

- Identified and resolved complex performance bottlenecks, improving system efficiency and reducing API response times by 50%.
- Implemented innovative solutions to optimize database queries, cutting data retrieval times by 40% across multiple applications.
- Refactored legacy code and systems, reducing technical debt by 30% and increasing maintainability.
- Designed error-handling frameworks that minimized downtime and improved system reliability by 25%.
- Collaborated with cross-functional teams to troubleshoot and resolve critical integration issues, reducing bug resolution time by 60%.

## SKILLS

Full Stack

JavaScript

Python

HTML

Node.js

Shopify

React.js

Typescript

Blockchain

## KEY ACHIEVEMENTS



### Caching strategies

Reduced overall API latency by 50% through the implementation of caching strategies and optimized database indexing.



### Accelerating

Designed and launched a modular API framework used across 5+ projects, significantly accelerating development cycles.



### Team recognition

Resolved a critical system-wide bug in under 24 hours that had blocked deployment, earning team recognition.



### Error-handling

Built a reusable error-handling middleware that decreased unhandled exceptions by 80%.



### Token-based authentication system

Developed a secure token-based authentication system adopted as a standard across multiple client applications.

## STRENGTHS



### API

Efficient API problem solver