Project Pat Backend Technologies:

Django:

Django is a high-level Python web framework that encourages rapid development and clean, pragmatic design. It's built by experienced developers and handles much of the hassle of web development, so we can focus on writing our app without needing to reinvent the wheel. It’s free and open source, has a thriving and active community, extensive documentation, and many options for free and paid-for support.

GraphQL:

GraphQL, on the other hand, is a query language for APIs and a runtime for executing those queries with your existing data. GraphQL provides a more efficient, powerful, and flexible alternative to the traditional REST API. It allows clients to request exactly the data they need, making it possible to get all required data in a single request, instead of relying on multiple REST endpoints to fetch the same data.

Insomnia:

Insomnia is a popular open-source tool used for testing and interacting with APIs. It's designed to help developers efficiently run requests against APIs, check responses, and debug. Insomnia supports multiple protocols including HTTP, GraphQL, and WebSockets, making it a versatile tool for many types of API testing.